

---

# **South Dakota GAME REPORT**

**No. 2006 – 05**

---

***2005***

**Annual Report**

## **SMALL GAME, UPLAND BIRD & MIGRATORY GAME BIRD HARVEST PROJECTIONS**

**Corey Huxoll**

**Game Harvest Surveys Coordinator  
South Dakota Department of Game, Fish and Parks  
Division of Wildlife  
Joe Foss Building, 523 E. Capitol Ave.  
Pierre, South Dakota 57501-3182**



## PREFACE

Harvest estimates reported herein for the 2005 small game, upland bird, and migratory bird seasons were developed as described in Wildlife Survey Manual, 2003-2009, South Dakota Department of Game, Fish and Parks. If species specific methodologies are not reported there, the methodologies are presented within this report.

Corey Huxoll, (Division of Wildlife, Office of Wildlife Administration - Planning - Surveys Section), was responsible for development of these harvest estimates as part of Federal Aid for Wildlife Restoration as Project W-95-R. Sage grouse harvest information was provided by John Wrede, (Region I Game Program Manager). Harvest surveys were processed and encoded by Erin Moehring, Dana Ertz, and Corey Huxoll.

This report was funded in part by Federal Aid Project W-95-R



## INDEX

	Page
Preface .....	i
<b>STATEWIDE COMBINED HARVEST SUMMARY</b> .....	1
<b>UPLAND GAME</b>	
<b>Cottontail &amp; Squirrel</b> -- season summary .....	2
harvest projections .....	3
squirrel season trends .....	3
cottontail season trends .....	4
<b>UPLAND BIRD</b>	
<b>Pheasant</b> -- season summary .....	5
harvest projections .....	6
regular opening weekend participation & bag .....	7
resident-only opening weekend participation & bag .....	7
youth-only season participation .....	7
closing week participation & bag .....	7
resident harvest distribution .....	8
nonresident harvest distribution .....	9
season participation & harvest trends .....	10
season harvest & bag trends.....	10
<b>Gray Partridge</b> -- season summary .....	11
harvest projections .....	11
season trends.....	12
resident harvest distribution .....	13
nonresident harvest distribution .....	14
<b>Prairie Chicken &amp; Sharptail Grouse</b> -- season summary .....	15
harvest projections .....	16
season trends.....	16
resident harvest distribution .....	17
nonresident harvest distribution .....	18
<b>Sage Grouse</b> -- season summary .....	19
<b>Northern Bobwhite</b> -- season summary .....	20
harvest projections .....	20
resident & nonresident harvest distributions.....	21
season trends.....	21

## WATERFOWL

<b>Waterfowl Hunter Summary</b> .....	22
harvest projections.....	22
hunter distribution by county .....	23
<b>Tundra Swan -- season summary</b> .....	24
harvest projections.....	24
harvest distribution by date .....	25
harvest summary by residency .....	26
season trends .....	26
<b>Ducks (all species) -- season summary</b> .....	27
harvest projections.....	28
season trends .....	29
hunter participation trends .....	29
<b>Canada Geese, All Seasons -- season summary</b> .....	30
harvest projections.....	31
season trends .....	31
<b>Canada Geese, Early Fall Season -- season summary</b> .....	32
harvest projections.....	33
season trends .....	34
<b>Canada Geese, Special Season -- season summary</b> .....	35
harvest projections.....	35
<b>Light Geese, Regular Season -- season summary</b> .....	36
harvest projections.....	37
season trends .....	38
<b>Light Geese, Spring Conservation Order -- season summary</b> .....	39
harvest projections.....	40
<b>White-fronted Geese -- season summary</b> .....	41
harvest projections.....	41
season trends .....	42

## OTHER GAME BIRDS

<b>Mourning Dove -- season summary</b> .....	43
harvest projections.....	43
season trends .....	44
<b>Sandhill Crane -- season summary</b> .....	45
season trends .....	45
<b>Coot -- season summary</b> .....	46
season trends .....	46
<b>Common Snipe -- season summary</b> .....	47
season trends .....	47

<b>HARVEST SURVEY RESPONSE RATES</b> .....	48
--	----



# Statewide Combined Harvest

## 2005 Statewide Small Game, Upland Bird, & Migratory Game Bird Harvest Projection Summary

last revised: 16 June 06

Harvest Statistic	Cottontail	Squirrel	Pheasant	Gray Partridge	Grouse	Bobwhite Quail	Tundra Swan	Ducks	Canada Geese (all seasons)	Canada Geese (Sept. season)	Canada Geese (special season)	Light Geese (regular season)	Light Geese (conserv. order)	White-fronted Geese	Mourning Dove	Sandhill Crane **	American Coot *	Common Snipe *	Grand Totals
<b><u>Licenses/Tags</u></b>	<b>Upland Game</b>		<b>Upland Birds</b>				<b>Waterfowl</b>								<b>Other Migratory Game Birds</b>				
<b>Resident</b>																			
Licenses Available	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	1,100	unlim.	unlim.	unlim.	800	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	
Proj. Active/Sold/Issued	11,414	3,821	79,270	3,534	7,508	338	637	15,601	15,288	5,464	797	5,984	4,136	1,216	9,568	unavail.	unavail.	unavail.	
<b>Nonresident</b>																			
Licenses Available	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	200	unlim.	unlim.	unlim.	n/a	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	
Proj. Active/Sold/Issued	2,193	86	94,956	2,236	5,806	688	174	3,917	2,343	327	n/a	709	2,617	401	344	unavail.	unavail.	unavail.	
<b>Totals</b>																			
Licenses Available	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	1,300	unlim.	unlim.	unlim.	800	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	
Proj. Active/Sold/Issued	13,607	3,907	174,226	5,770	13,314	1,026	811	19,518	17,631	5,791	797	6,693	6,753	1,617	9,912	unavail.	UNK	UNK	
<b><u>Hunting Recreation</u></b>																			
<b>Residents</b>																			
Average Days Hunted	6.23	5.24	7.94	8.41	4.58	7.30	4.90	6.73	6.53	3.41	1.16	5.59	4.78	6.45	4.48	unavail.	unavail.	unavail.	
Total Days Hunted	71,109	20,022	629,404	29,721	34,387	2,467	2,338	104,995	99,831	12,209	925	33,451	26,427	7,843	42,865	unavail.	unavail.	unavail.	
Average Season Bag	11.42	3.95	11.95	2.56	4.47	2.50	0.15	11.55	5.44	4.23	1.11	10.94	12.93	0.96	16.69	unavail.	unavail.	unavail.	
Mean Satisfaction Score	2.92	3.07	2.81	2.81	2.81	2.81	3.32	3.14	3.35	3.21	1.78	3.34	-	3.21	3.40	unavail.	unavail.	unavail.	
<b>Nonresidents</b>																			
Average Days Hunted	3.06	4.00	4.43	4.31	3.85	2.81	5.21	4.54	3.84	3.65	-	4.56	3.73	5.23	4.25	unavail.	unavail.	unavail.	
Total Days Hunted	6,711	344	420,655	9,637	22,353	1,933	639	17,776	8,997	270	-	3,229	11,161	2,097	1,462	unavail.	unavail.	unavail.	
Average Season Bag	4.57	0.00	10.55	2.54	2.98	1.00	0.15	10.85	2.05	19.08	-	2.51	14.98	0.23	9.50	unavail.	unavail.	unavail.	
Mean Satisfaction Score	1.90	1.90	2.17	2.17	2.17	2.17	3.57	2.93	3.03	2.92	-	3.21	-	3.40	2.13	unavail.	unavail.	unavail.	
<b>Total Days Hunted</b>	77,820	20,366	1,050,059	39,358	56,740	4,400	2,977	122,771	108,828	12,479	925	36,680	37,588	9,940	44,327	unavail.	UNK	UNK	1,611,854
<b><u>Harvest</u></b>																			
Residents	130,348	15,093	947,277	9,047	33,561	845	96	180,192	83,167	15,145	885	65,465	71,545	1,167	159,690	unavail.	unavail.	unavail.	
Nonresidents	10,022	0	1,001,786	5,679	17,302	688	24	42,441	4,803	1,412	-	1,779	44,852	92	3,268	unavail.	unavail.	unavail.	
<b>Total</b>	140,370	15,093	1,949,063	14,726	50,863	1,533	120	222,633	87,970	16,557	885	67,244	116,397	1,259	162,958	unavail.	UNK	UNK	

\* South Dakota does not survey for these species, estimates provided by USFWS sources not available at time of printing.

\*\* Preliminary estimates.

## **COTTONTAIL & SQUIRREL**

The 2005 cottontail rabbit and squirrel seasons covered 1 September 2005 - 28 February 2006. Harvest surveys were sent to both resident and nonresident hunters for the period of 1 September - 31 December. A "late season" harvest survey was sent only to residents who responded to the first survey and indicated that they may hunt during the 1 January - 28 February period.

For cottontail, the daily limit was 10, possession 30, and the season was open statewide for the length of the season. For squirrel, the daily limit was 5, possession 15, and the season was open statewide for the length of the season. Residents holding small game, 1-day small game, adult or junior combination, or youth small game licenses were eligible to participate in the season. Nonresidents were required to obtain either a small game or a youth small game license to hunt upland game.

In 2005, there were 92,679 residents and 96,418 nonresidents licensed to hunt pheasants. Approximately 8.3% of residents and 3.5% of nonresidents were surveyed for the upland bird seasons. Survey response rates were 71.1% for residents and 67.1% for nonresidents.

Based on survey responses indicating at least one day of hunting cottontail, there were a projected 11,414 resident and 2,193 nonresident cottontail hunters. Based on survey responses indicating at least one day of hunting squirrels, there were a projected 3,821 resident and 86 nonresident hunters. An estimated 140,370 cottontails and 15,093 squirrels were harvested during the 2005 upland game seasons.

When asked their satisfaction on the season, (1 being most satisfied, 7 being least satisfied), resident hunters reported an average satisfaction level of 2.80, while nonresidents reported a higher rating of 1.90.

### Comparison of the 1997 - 2005 cottontail and squirrel harvests

Year	Cottontails				Squirrels			
	Hunters		Harvest		Hunters		Harvest	
	Resident	Nonres	Resident	Nonres	Resident	Nonres	Resident	Nonres
1997	11,842	350	86,225	490	7,427	140	46,094	70
1998	8,677	609	96,314	1,891	4,941	39	50,866	39
1999	17,460 *	731	96,881	1,265	10,834 *	98	57,190	1,470
2000	26,255 *	1,461	266,335	6,764	12,176 *	143	50,863	486
2001	11,518 *	593	74,674	2,900	5,608 *	132	19,949	1,023
2002	11,904 *	1,006	60,146	2,917	7,300 *	268	29,846	603
2003	15,526 *	1,016	146,070	2,103	7,857 *	188	46,308	978
2004	14,794*	1,244	164,480	3,545	7,373*	188	42,748	451
2005	11,414	2,193	130,348	10,022	3,821	86	15,093	0

Resident hunter totals include projected hunter totals from the late and "regular" season harvest surveys. Survey format changed in 2005 and may not be directly comparable to previous years.

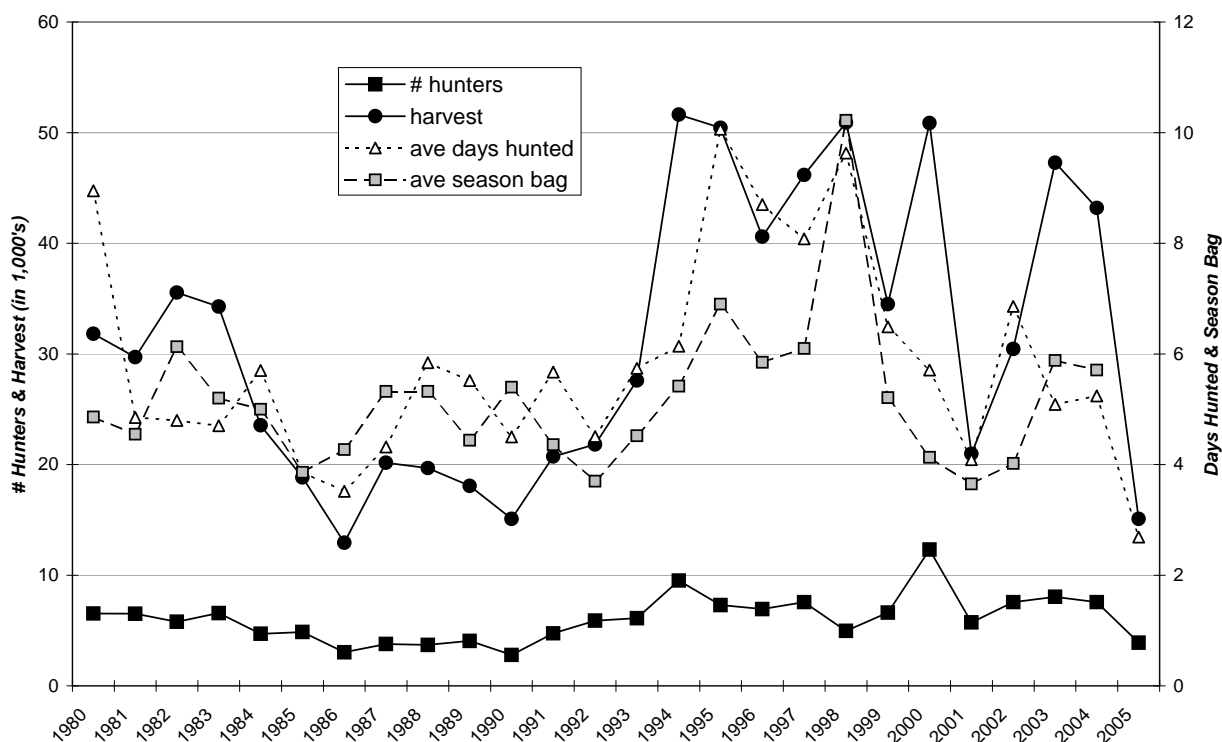


South Dakota Game Report No 2006-05 - 2005 Small Game, Upland Bird & Migratory Bird Harvest Projections  
Corey Huxoll

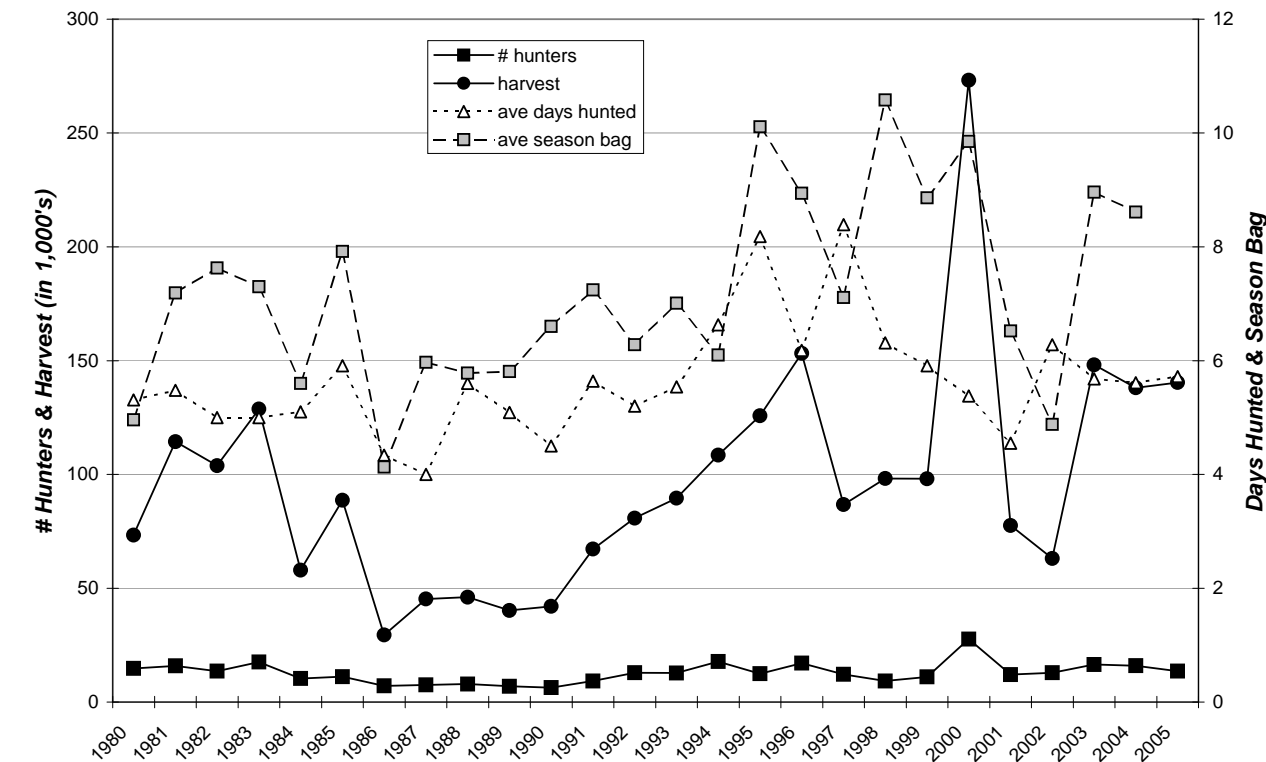
<b>UPLAND GAME HARVEST PROJECTIONS FOR 2005</b>								
<i>Last Revised: 15 June 06</i>								
	<b>RESIDENT TOTALS BY LICENSE TYPE</b>					<b>NONRESIDENT TOTALS</b>		
	Small Game	Combination	Junior Combo	Youth SmGm	Sum Estimates	Non Res Sm Game	Youth Sm Gm	Sum Estimates
<b>Licenses Sold</b>	36,265	41,418	7,080	7,916	<b>92,679</b>	93,096	3,322	<b>96,418</b>
<b>Projected ACTIVE UPLAND GAME HUNTERS</b>	<b>3,220</b>	<b>5,689</b>	<b>1,634</b>	<b>1,487</b>	<b>12,030</b>	<b>2,144</b>	<b>47</b>	<b>2,191</b>
Number Sampled by Survey	3,006	3,622	573	507	<b>7,708</b>	3,217	123	<b>3,340</b>
Number Responded to Survey	2,016	2,781	338	346	<b>5,481</b>	2,171	71	<b>2,242</b>
Responded and Participated in Season	<b>179</b>	<b>382</b>	<b>78</b>	<b>65</b>	<b>704</b>	<b>50</b>	<b>1</b>	<b>51</b>
Responded but DID NOT HUNT	1,837	2,399	260	281	<b>4,777</b>	2,121	70	<b>2,191</b>
<b>Survey Response Rate</b>	<b>67.1%</b>	<b>76.8%</b>	<b>59.0%</b>	<b>68.2%</b>	<b>71.1%</b>	<b>67.5%</b>	<b>57.7%</b>	<b>67.1%</b>
Number Hunters Reporting Cottontail Days	167	372	75	61	<b>675</b>	50	1	<b>51</b>
Sum Cottontail Hunted Days	1,094	2,104	493	514	<b>4,205</b>	153	3	<b>156</b>
<b>Average Days Hunted Cottontails</b>	<b>6.55</b>	<b>5.66</b>	<b>6.57</b>	<b>8.43</b>	<b>6.23</b>	<b>3.06</b>	<b>3.00</b>	<b>3.06</b>
Sum Cottontails Bagged	1,551	4,517	841	798	<b>7,707</b>	228	5	<b>233</b>
<b>Average Cottontail Bag for Season</b>	<b>9.29</b>	<b>12.14</b>	<b>11.21</b>	<b>13.08</b>	<b>11.42</b>	<b>4.56</b>	<b>5.00</b>	<b>4.57</b>
<b>Projected Days Cottontail Hunting</b>	<b>19,676</b>	<b>31,356</b>	<b>10,321</b>	<b>11,768</b>	<b>71,109</b>	<b>6,561</b>	<b>141</b>	<b>6,711</b>
<b>Projected Number Cottontail Hunters</b>	<b>3,004</b>	<b>5,540</b>	<b>1,571</b>	<b>1,396</b>	<b>11,414</b>	<b>2,144</b>	<b>47</b>	<b>2,193</b>
<b>Projected Cottontail Bag</b>	<b>27,907</b>	<b>67,256</b>	<b>17,611</b>	<b>18,260</b>	<b>130,348</b>	<b>9,777</b>	<b>235</b>	<b>10,022</b>
<b>TOTAL COTTONTAIL HARVEST =</b>						<b>140,370</b>		
Number Hunters Reporting Squirrel Days	54	116	31	25	<b>226</b>	2	0	<b>2</b>
Sum Squirrel Hunted Days	295	518	121	250	<b>1,184</b>	8	0	<b>8</b>
<b>Average Days Hunted Squirrels</b>	<b>5.46</b>	<b>4.47</b>	<b>3.90</b>	<b>10.00</b>	<b>5.24</b>	<b>4.00</b>		<b>4.00</b>
Sum Squirrels Bagged	205	451	136	100	<b>892</b>	0	0	<b>0</b>
<b>Average Squirrel Bag for Season</b>	<b>3.80</b>	<b>3.89</b>	<b>4.39</b>	<b>4.00</b>	<b>3.95</b>	<b>0.00</b>		<b>0.00</b>
<b>Projected Days Squirrel Hunting</b>	<b>5,302</b>	<b>7,724</b>	<b>2,531</b>	<b>5,720</b>	<b>20,022</b>	<b>344</b>		<b>344</b>
<b>Projected Number Squirrel Hunters</b>	<b>971</b>	<b>1,728</b>	<b>649</b>	<b>572</b>	<b>3,821</b>	<b>86</b>	<b>0</b>	<b>86</b>
<b>Projected Squirrels Bag</b>	<b>3,690</b>	<b>6,722</b>	<b>2,849</b>	<b>2,288</b>	<b>15,093</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL SQUIRREL HARVEST =</b>						<b>15,093</b>		
<b>Mean Satisfaction Score **</b>	3.06	2.88	2.81	2.17	2.80	1.92	1	1.90

\*\* Based on scale of 1-7 with 1="very satisfied" and 7="very dissatisfied"

**SOUTH DAKOTA SQUIRREL HARVEST, 1980-2005**



SOUTH DAKOTA COTTONTAIL HARVEST, 1980-2005



# **PHEASANT**

The 2005 pheasant season covered 15 October 2005 – 1 January 2006 statewide except for Butte, Meade, and Lawrence counties, and the portion of Pennington County west of the Cheyenne River where the season closed 30 October. There was also a special Youth season open 1-2 October on public and private land and an early residents-only season open 8-10 October on public lands only. Harvest surveys were sent to both resident and nonresident hunters. The daily limit was 3 cock pheasants, possession 15. To hunt pheasants, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses; nonresidents were required to obtain the nonresident small game the nonresident youth small game, or nonresident shooting preserve license. No shooting preserve license holders were surveyed and none of their harvest is included in any of the data in this report.

In 2005, there were 92,679 residents and 96,418 nonresidents licensed to hunt pheasants. Approximately 8.3% of residents and 3.5% of nonresidents were surveyed for the upland bird seasons. Survey response rates were 71.1% for residents and 67.1% for nonresidents.

Based on survey responses indicating at least one day of hunting pheasants, there were a projected 79,270 resident (32,667 small game, 33,852 combination, 5,802 youth small game, 7,367 junior combination) and 94,956 nonresident (91,681 small game, 3,275 youth small game) pheasant hunters.

From the survey responses, a projected total of 1,949,063 pheasants were harvested (947,277 by residents, 1,001,786 by nonresidents) during the 2005 season. When asked their satisfaction on the season, (1 being most satisfied, 7 being least satisfied), resident upland bird hunters reported an average satisfaction rating of 2.81 while nonresidents reported a higher satisfaction rating of 2.17.

Approximately 22,388 residents participated in the early, resident-only season. The projected harvest for this season of 50,149 birds. Over 56% of the resident and just over 27% of the nonresident pheasant hunters participated in the regular opening weekend of the 2005 pheasant season. The projected pheasant harvest for the opening weekend was 309,098 (176,378 by residents, 132,720 by nonresidents). Only 9% of nonresidents hunted during the final eight days of the season, which included the last week of December and the first day of January.

The Youth-only season (1-2 October) overall participation rate was approximately 7% (4.9% Combination license, 6.2% Small Game, 4.7% Junior Combination, 28.6% Youth Small Game); nonresidents were not surveyed on their participation in this season.

## Comparison of the 1997 - 2005 Pheasant season statistics

Year	<i>Resident Hunters</i>					<i>Nonresident Hunters</i>				
	<i>Number Hunters</i>	<i>Harvest</i>	<i>Ave Day Hunted</i>	<i>Ave Bag</i>	<i>Satisfaction</i>	<i>Number Hunters</i>	<i>Harvest</i>	<i>Ave Day Hunted</i>	<i>Ave Bag</i>	<i>Satisfaction</i>
1997	70,573	525,504	6.37	7.56	N/A	42,808	395,213	4.23	9.25	N/A
1998	74,727	603,355	6.90	8.27	3.67	60,364	581,767	4.44	9.66	2.78
1999	84,342	768,356	7.12	9.11	3.40	71,956	695,815	4.57	9.67	2.67
2000	79,790	759,601	6.82	9.52	3.29	70,182	688,133	4.31	9.52	2.80
2001	76,772	672,523	6.80	8.76	3.60	73,326	688,531	4.26	9.39	2.83
2002	70,822	587,823	6.84	8.30	3.72	74,874	673,866	4.18	9.00	2.99
2003	78,396	912,529	7.21	11.64	2.92	83,538	902,210	4.21	10.80	2.28
2004	78,984	744,819	7.35	9.43	3.38	91,948	908,446	3.83	9.88	2.75
2005	79,270	947,277	7.94	11.95	2.81	94,956	1,001,786	4.43	10.55	2.17

South Dakota Game Report No 2006-05 - 2005 Small Game, Upland Bird & Migratory Bird Harvest Projections  
Corey Huxoll

<b><i>PHEASANT HARVEST PROJECTIONS FOR 2005</i></b>								
<i>Revised: 23 May 06</i>						<b>RESIDENT TOTALS BY LICENSE TYPE</b>		
	Small Game	Combo	Junior Combo	Youth SmGm	Sum Estimates	<b>NONRESIDENT TOTALS</b>		
						Nonres Sm Game	Youth Sm Game	Sum Estimates
<b>Licenses Sold</b>	36,265	41,418	7,080	7,916	<b>92,679</b>	93,096	3,322	<b>96,418</b>
<b>Projected ACTIVE UPLAND BIRD HUNTERS</b>	<b>28,836</b>	<b>30,948</b>	<b>5,027</b>	<b>6,452</b>	<b>71,069</b>	<b>89,365</b>	<b>3,088</b>	<b>92,453</b>
Number Sampled by Survey	3,006	3,622	573	507	<b>7,708</b>	3,217	123	<b>3,340</b>
Number Responded to Survey	2,016	2,781	338	346	<b>5,481</b>	2,171	71	<b>2,242</b>
Responded and Participated in Season	<b>1,603</b>	<b>2,078</b>	<b>240</b>	<b>282</b>	<b>4,203</b>	<b>2,084</b>	<b>66</b>	<b>2,150</b>
Responded but DID NOT HUNT	413	703	98	64	<b>1,278</b>	87	5	<b>92</b>
<b>Survey Response Rate</b>	<b>67.1%</b>	<b>76.8%</b>	<b>59.0%</b>	<b>68.2%</b>	<b>71.1%</b>	<b>67.5%</b>	<b>57.7%</b>	<b>67.1%</b>
No. Hunters Reporting Pheasant Days	1,816	2,273	277	322	<b>4,688</b>	2,138	70	<b>2,208</b>
Sum Pheasant Hunted Days	12,453	19,959	2,239	2,572	<b>37,223</b>	9,519	264	<b>9,783</b>
<b>Average Days Hunted Pheasants</b>	<b>6.86</b>	<b>8.78</b>	<b>8.08</b>	<b>7.99</b>	<b>7.94</b>	<b>4.45</b>	<b>3.77</b>	<b>4.43</b>
Sum Pheasants Bagged	17,540	32,886	3,015	2,580	<b>56,021</b>	22,831	470	<b>23,301</b>
<b>Average Pheasant Bag for Season</b>	<b>9.66</b>	<b>14.47</b>	<b>10.88</b>	<b>8.01</b>	<b>11.95</b>	<b>10.68</b>	<b>6.71</b>	<b>10.55</b>
<b>Projected Days Pheasant Hunting</b>	<b>224,096</b>	<b>297,221</b>	<b>46,880</b>	<b>58,862</b>	<b>629,404</b>	<b>407,980</b>	<b>12,347</b>	<b>420,655</b>
<b>Projected No. Pheasant Hunters</b>	<b>32,667</b>	<b>33,852</b>	<b>5,802</b>	<b>7,367</b>	<b>79,270</b>	<b>91,681</b>	<b>3,275</b>	<b>94,956</b>
<b>Projected Pheasant Bag</b>	<b>315,563</b>	<b>489,838</b>	<b>63,126</b>	<b>59,010</b>	<b>947,277</b>	<b>979,153</b>	<b>21,975</b>	<b>1,001,786</b>
<b>TOTAL PHEASANT HARVEST =</b>						<b>1,949,063</b>		
<b><u>RESIDENT-ONLY OPENING WEEKEND:</u></b>								
No. Hunters Reporting Pheasant Days	404	681	97	142	<b>1,324</b>	-	-	-
Sum Pheasant Hunted Days	650	1,052	153	223	<b>2,078</b>	-	-	-
<b>Average Days Hunted Pheasants</b>	<b>1.61</b>	<b>1.54</b>	<b>1.58</b>	<b>1.57</b>	<b>1.57</b>	-	-	-
Sum Pheasants Bagged	831	1,731	210	196	<b>2,968</b>	-	-	-
<b>Average Pheasant Bag for Weekend</b>	<b>2.06</b>	<b>2.54</b>	<b>2.16</b>	<b>1.38</b>	<b>2.24</b>	-	-	-
<b>Projected Days Pheasant Hunting</b>	<b>11,700</b>	<b>15,619</b>	<b>3,211</b>	<b>5,101</b>	<b>35,149</b>	-	-	-
<b>Projected No. Pheasant Hunters</b>	<b>7,267</b>	<b>10,142</b>	<b>2,032</b>	<b>3,249</b>	<b>22,388</b>	-	-	-
<b>Projected Pheasant Bag</b>	<b>14,970</b>	<b>25,761</b>	<b>4,389</b>	<b>4,484</b>	<b>50,149</b>	-	-	-
<b>RESIDENT-ONLY WEEKEND PHEASANT HARVEST =</b>						<b>50,149</b>		
<b><u>REGULAR OPENING WEEKEND:</u></b>								
No. Hunters Reporting Pheasant Days	1,154	1,491	202	230	<b>3,077</b>	602	14	<b>616</b>
Sum Pheasant Hunted Days	1,920	2,498	334	372	<b>5,124</b>	1,178	28	<b>1,206</b>
<b>Average Days Hunted Pheasants</b>	<b>1.66</b>	<b>1.68</b>	<b>1.65</b>	<b>1.62</b>	<b>1.67</b>	<b>1.96</b>	<b>2.00</b>	<b>1.96</b>
Sum Pheasants Bagged	3,848	5,449	593	528	<b>10,418</b>	3,024	63	<b>3,087</b>
<b>Average Pheasant Bag for Season</b>	<b>3.33</b>	<b>3.65</b>	<b>2.94</b>	<b>2.30</b>	<b>3.39</b>	<b>5.02</b>	<b>4.50</b>	<b>5.01</b>
<b>Projected Days Pheasant Hunting</b>	<b>34,460</b>	<b>37,306</b>	<b>6,981</b>	<b>8,524</b>	<b>86,888</b>	<b>50,597</b>	<b>1,310</b>	<b>51,922</b>
<b>Projected No. Pheasant Hunters</b>	<b>20,759</b>	<b>22,206</b>	<b>4,231</b>	<b>5,262</b>	<b>52,029</b>	<b>25,815</b>	<b>655</b>	<b>26,491</b>
<b>Projected Pheasant Bag</b>	<b>69,127</b>	<b>81,052</b>	<b>12,439</b>	<b>12,103</b>	<b>176,378</b>	<b>129,591</b>	<b>2,948</b>	<b>132,720</b>
<b>REGULAR OPENING WEEKEND PHEASANT HARVEST =</b>						<b>309,098</b>		
<b>Upland Bird Hunters Mean Satisfaction Score **</b>	<b>2.87</b>	<b>2.74</b>	<b>2.87</b>	<b>2.90</b>	<b>2.81</b>	<b>2.17</b>	<b>2.17</b>	<b>2.17</b>
* Totals greater than licenses sold because many utilized more than one land type during season.								
** Based on scale of 1-7 with 1="very satisfied" and 7="very dissatisfied"								

**South Dakota Game Report No 2006-05 - 2005 Small Game, Upland Bird & Migratory Bird Harvest Projections**  
*Corey Huxoll*

OPENING WEEKEND 2005 PHEASANT SEASON PARTICIPATION AND BAG				
Last Revised: 24 May 06				
	# Days Hunted	# Responded	% of Total	Ave. Bag
Res.	0	2,398	43.8%	
	1	1,030	18.8%	1.80
	2	2,047	37.4%	4.68
NonRes.	0	1,626	72.5%	
	1	26	1.2%	2.40
	2	590	26.3%	5.50

2005 YOUTH-ONLY PHEASANT SEASON PARTICIPATION			
Last Revised: 24 May 06			
License Type	Number Participated	Did Not Participate	Percent Participated
Small Game	98	1,915	4.9%
Combination	173	2,606	6.2%
Youth Small Game	98	245	28.6%
Junior Combination	16	322	4.7%
Total	385	5,088	7.0%

RESIDENT-ONLY WEEKEND 2005 PHEASANT SEASON PARTICIPATION AND BAG				
Last Revised: 24 May 06				
	# Days Hunted	# Responded	% of Total	Ave. Bag
Residents	0	4,142	75.8%	
	1	713	13.0%	1.47
	2	468	8.6%	3.38
	3	143	2.6%	5.40

CLOSING WEEK 2005 PHEASANT SEASON NONRESIDENT PARTICIPATION AND BAG			
Last Revised: 24 May 06			
# Days Hunted	# Responded	% Total Hunters	Ave. Bag
0	2,029	90.5%	
1	39	1.7%	1.3
2	54	2.4%	4.2
3	57	2.5%	7.3
4	26	1.2%	9.7
5	31	1.4%	11.5
6	4	0.2%	17.0
7	0	0.0%	0.0
8	2	0.1%	24.0

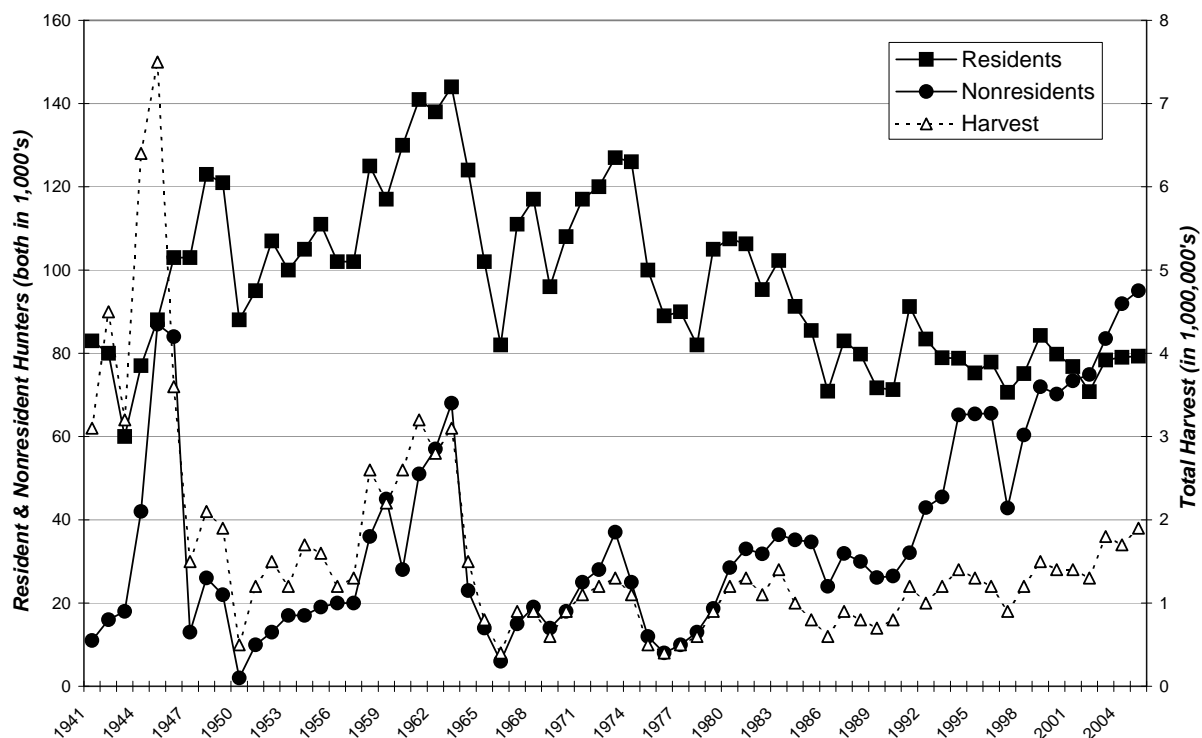
South Dakota Game Report No 2006-05 - 2005 Small Game, Upland Bird & Migratory Bird Harvest Projections  
Corey Huxoll

<b>Resident Pheasant Harvest Distribution by County 2005</b>									
<b>COUNTY</b>	<b>HUNTER DISTRIBUTION</b>				<b>HARVEST DISTRIBUTION</b>				<b>Birds/Hunter **</b>
	<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>	<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>	
Minnehaha	168	2,841	3.8	3,030	1,504	25,432	2.8	26,545	9.0
Pennington	17	287	0.4	306	95	1,606	0.2	1,676	5.6
Brown	254	4,295	5.8	4,581	2,898	49,003	5.4	51,147	11.4
Beadle	194	3,280	4.4	3,499	3,055	51,658	5.7	53,918	15.7
Codington	144	2,435	3.3	2,597	1,660	28,069	3.1	29,297	11.5
Brookings	200	3,382	4.6	3,607	2,442	41,293	4.5	43,099	12.2
Yankton	92	1,556	2.1	1,660	817	13,815	1.5	14,419	8.9
Davison	106	1,792	2.4	1,911	1,215	20,545	2.3	21,444	11.5
Lawrence	3	51	0.1	54	3	51	0.0	53	1.0
Aurora	98	1,657	2.2	1,767	1,271	21,492	2.4	22,432	13.0
Bennett	20	338	0.5	361	137	2,317	0.3	2,418	6.9
Bon Homme	53	896	1.2	956	418	7,068	0.8	7,377	7.9
Brule	86	1,454	2.0	1,551	1,118	18,905	2.1	19,732	13.0
Buffalo	17	287	0.4	306	282	4,768	0.5	4,977	16.6
Butte	8	135	0.2	144	28	473	0.1	494	3.5
Campbell	38	643	0.9	686	368	6,223	0.7	6,495	9.7
Charles Mix	134	2,266	3.0	2,417	1,361	23,014	2.5	24,021	10.2
Clark	103	1,742	2.3	1,858	1,109	18,752	2.1	19,572	10.8
Clay	39	659	0.9	703	374	6,324	0.7	6,601	9.6
Corson	9	152	0.2	162	88	1,488	0.2	1,553	9.8
Custer	2	34	0.0	36	3	51	0.0	53	1.5
Day	71	1,201	1.6	1,281	786	13,291	1.5	13,872	11.1
Deuel	42	710	1.0	757	447	7,558	0.8	7,889	10.6
Dewey	11	186	0.3	198	95	1,606	0.2	1,676	8.6
Douglas	64	1,082	1.5	1,154	501	8,472	0.9	8,843	7.8
Edmunds	101	1,708	2.3	1,822	1,949	32,956	3.6	34,398	19.3
Fall River	18	304	0.4	324	150	2,536	0.3	2,647	8.3
Faulk	47	795	1.1	848	914	15,455	1.7	16,131	19.4
Grant	68	1,150	1.5	1,227	855	14,457	1.6	15,089	12.6
Gregory	61	1,031	1.4	1,100	696	11,769	1.3	12,284	11.4
Haakon	18	304	0.4	324	93	1,573	0.2	1,642	5.2
Hamlin	93	1,573	2.1	1,678	1,195	20,207	2.2	21,091	12.8
Hand	113	1,911	2.6	2,038	1,822	30,809	3.4	32,157	16.1
Hanson	54	913	1.2	974	547	9,249	1.0	9,654	10.1
Harding	7	118	0.2	126	36	609	0.1	636	5.2
Hughes	120	2,029	2.7	2,164	1,715	28,999	3.2	30,268	14.3
Hutchinson	53	896	1.2	956	612	10,349	1.1	10,802	11.6
Hyde	28	473	0.6	505	401	6,781	0.7	7,078	14.3
Jackson	8	135	0.2	144	27	457	0.1	477	3.4
Jerauld	50	845	1.1	901	568	9,604	1.1	10,024	11.4
Jones	20	338	0.5	361	246	4,160	0.5	4,342	12.3
Kingsbury	93	1,573	2.1	1,678	1,156	19,547	2.2	20,402	12.4
Lake	119	2,012	2.7	2,146	1,274	21,542	2.4	22,484	10.7
Lincoln	56	947	1.3	1,010	620	10,484	1.2	10,943	11.1
Lyman	110	1,860	2.5	1,984	1,398	23,639	2.6	24,673	12.7
McCook	105	1,775	2.4	1,893	1,128	19,074	2.1	19,908	10.7
McPherson	41	693	0.9	739	686	11,600	1.3	12,107	16.7
Marshall	38	643	0.9	686	515	8,708	1.0	9,089	13.5
Meade	4	68	0.1	73	12	203	0.0	212	3.0
Mellette	6	101	0.1	108	79	1,336	0.1	1,394	13.2
Miner	104	1,759	2.4	1,876	1,460	24,688	2.7	25,768	14.0
Moody	67	1,133	1.5	1,209	601	10,163	1.1	10,608	9.0
Perkins	28	473	0.6	505	261	4,413	0.5	4,606	9.3
Potter	75	1,268	1.7	1,353	1,255	21,221	2.3	22,149	16.7
Roberts	68	1,150	1.5	1,227	888	15,015	1.7	15,672	13.1
Sanborn	76	1,285	1.7	1,371	1,159	19,598	2.2	20,455	15.3
Spink	148	2,503	3.4	2,670	2,282	38,587	4.3	40,275	15.4
Stanley	30	507	0.7	541	378	6,392	0.7	6,672	12.6
Sully	86	1,454	2.0	1,551	1,292	21,847	2.4	22,803	15.0
Tripp	127	2,147	2.9	2,290	1,620	27,393	3.0	28,591	12.8
Turner	68	1,150	1.5	1,227	616	10,416	1.1	10,872	9.1
Union	41	693	0.9	739	208	3,517	0.4	3,671	5.1
Walworth	64	1,082	1.5	1,154	828	14,001	1.5	14,613	12.9
Ziebach	2	34	0.0	36	18	304	0.0	317	8.9
Shannon	4	68	0.1	73	17	287	0.0	300	4.2
Todd	3	51	0.1	54	21	355	0.0	371	7.0
Unk/Unreported	293	4,954	-	-	2,348	39,703	-	-	8.0
<b>TOTALS:</b>	<b>4,688</b>	<b>79,270</b>	<b>100%</b>	<b>79,267</b>	<b>56,021</b>	<b>947,277</b>	<b>100%</b>	<b>947,278</b>	<b>11.95</b>
Last Revised: 23 May 06									
* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.									
** Calculation uses "# projected" values without correction for unknown/unreported county values.									

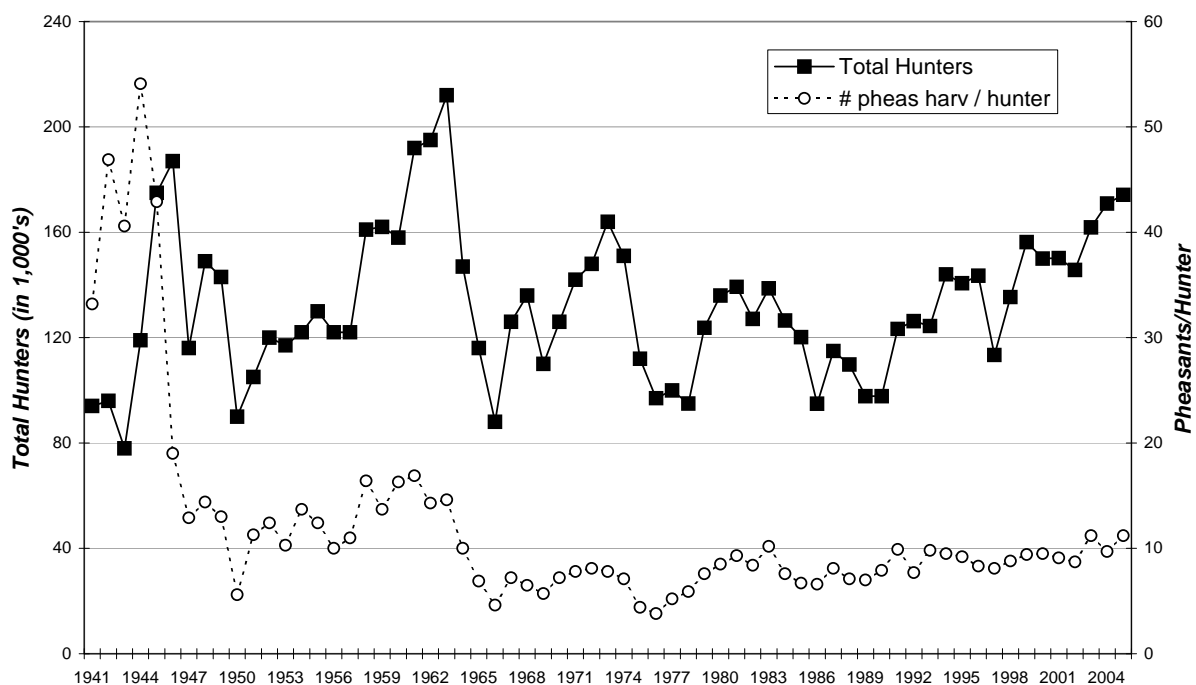
**South Dakota Game Report No 2006-05 - 2005 Small Game, Upland Bird & Migratory Bird Harvest Projections**  
*Corey Huxoll*

<b>Nonresident Pheasant Harvest Distribution by County 2005</b>										
<b>COUNTY</b>	<b>HUNTER DISTRIBUTION</b>				<b>HARVEST DISTRIBUTION</b>				<b>Birds/Hunter **</b>	
	<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>	<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>		
Minnehaha	7	301	0.4	363	59	2,537	0.3	2,995	8.4	
Pennington	2	86	0.1	104	26	1,118	0.1	1,320	13.0	
Brown	130	5,591	7.1	6,750	1,409	60,578	7.1	71,524	10.8	
Beadle	109	4,688	6.0	5,659	1,273	54,730	6.5	64,619	11.7	
Codington	16	688	0.9	831	137	5,890	0.7	6,954	8.6	
Brookings	32	1,376	1.7	1,661	300	12,898	1.5	15,229	9.4	
Yankton	7	301	0.4	363	73	3,139	0.4	3,706	10.4	
Davison	48	2,064	2.6	2,492	483	20,766	2.4	24,518	10.1	
Lawrence	2	86	0.1	104	8	344	0.0	406	4.0	
Aurora	74	3,182	4.0	3,841	802	34,481	4.1	40,712	10.8	
Bennett	11	473	0.6	571	101	4,342	0.5	5,127	9.2	
Bon Homme	4	172	0.2	208	19	817	0.1	965	4.8	
Brule	103	4,430	5.6	5,348	1,115	47,937	5.6	56,599	10.8	
Buffalo	10	430	0.5	519	126	5,417	0.6	6,396	12.6	
Butte	6	258	0.3	311	35	1,505	0.2	1,777	5.8	
Campbell	22	946	1.2	1,142	306	13,156	1.6	15,533	13.9	
Charles Mix	54	2,322	3.0	2,803	513	22,056	2.6	26,041	9.5	
Clark	56	2,408	3.1	2,907	644	27,688	3.3	32,691	11.5	
Clay	4	172	0.2	208	22	946	0.1	1,117	5.5	
Corson	10	430	0.5	519	90	3,869	0.5	4,568	9.0	
Custer	1	43	0.1	52	9	387	0.0	457	9.0	
Day	27	1,161	1.5	1,402	208	8,943	1.1	10,559	7.7	
Deuel	4	172	0.2	208	54	2,322	0.3	2,742	13.5	
Dewey	13	559	0.7	675	119	5,116	0.6	6,040	9.2	
Douglas	20	860	1.1	1,038	199	8,556	1.0	10,102	9.9	
Edmunds	55	2,365	3.0	2,855	718	30,869	3.6	36,447	13.1	
Fall River	1	43	0.1	52	9	387	0.0	457	9.0	
Faulk	40	1,720	2.2	2,076	485	20,852	2.5	24,620	12.1	
Grant	6	258	0.3	311	45	1,935	0.2	2,285	7.5	
Gregory	69	2,967	3.8	3,582	683	29,364	3.5	34,670	9.9	
Haakon	20	860	1.1	1,038	163	7,008	0.8	8,274	8.1	
Hamlin	20	860	1.1	1,038	228	9,802	1.2	11,573	11.4	
Hand	75	3,225	4.1	3,893	960	41,274	4.9	48,732	12.8	
Hanson	11	473	0.6	571	95	4,084	0.5	4,822	8.6	
Harding	2	86	0.1	104	13	559	0.1	660	6.5	
Hughes	23	989	1.3	1,194	223	9,587	1.1	11,319	9.7	
Hutchinson	13	559	0.7	675	97	4,170	0.5	4,923	7.5	
Hyde	11	473	0.6	571	95	4,084	0.5	4,822	8.6	
Jackson	22	946	1.2	1,142	192	8,255	1.0	9,747	8.7	
Jerauld	35	1,505	1.9	1,817	376	16,165	1.9	19,086	10.7	
Jones	17	731	0.9	882	174	7,481	0.9	8,833	10.2	
Kingsbury	24	1,032	1.3	1,246	218	9,373	1.1	11,067	9.1	
Lake	7	301	0.4	363	55	2,365	0.3	2,792	7.9	
Lincoln	2	86	0.1	104	17	731	0.1	863	8.5	
Lyman	78	3,354	4.3	4,049	879	37,791	4.5	44,620	11.3	
McCook	11	473	0.6	571	83	3,568	0.4	4,213	7.5	
McPherson	38	1,634	2.1	1,973	398	17,111	2.0	20,203	10.5	
Marshall	14	602	0.8	727	81	3,482	0.4	4,111	5.8	
Meade	24	1,032	1.3	1,246	254	10,920	1.3	12,893	10.6	
Mellette	17	731	0.9	882	144	6,191	0.7	7,310	8.5	
Miner	46	1,978	2.5	2,388	481	20,680	2.4	24,417	10.5	
Moody	4	172	0.2	208	39	1,677	0.2	1,980	9.8	
Perkins	14	602	0.8	727	136	5,847	0.7	6,904	9.7	
Potter	22	946	1.2	1,142	263	11,307	1.3	13,350	12.0	
Roberts	7	301	0.4	363	82	3,525	0.4	4,162	11.7	
Sanborn	42	1,806	2.3	2,180	492	21,153	2.5	24,975	11.7	
Spink	82	3,526	4.5	4,257	1,087	46,734	5.5	55,179	13.3	
Stanley	15	645	0.8	779	127	5,460	0.6	6,447	8.5	
Sully	22	946	1.2	1,142	248	10,662	1.3	12,589	11.3	
Tripp	107	4,602	5.9	5,556	1,177	50,603	6.0	59,747	11.0	
Turner	7	301	0.4	363	61	2,623	0.3	3,097	8.7	
Union	5	215	0.3	260	50	2,150	0.3	2,538	10.0	
Walworth	41	1,763	2.2	2,128	595	25,581	3.0	30,203	14.5	
Ziebach	2	86	0.1	104	27	1,161	0.1	1,371	13.5	
Shannon	1	43	0.1	52	12	516	0.1	609	12.0	
Todd	5	215	0.3	260	43	1,849	0.2	2,183	8.6	
Unk/Unreported	379	16,299	-	-	3,566	153,314	-	-	9.4	
<b>TOTALS</b>	<b>2,208</b>	<b>94,956</b>	<b>100%</b>	<b>94,950</b>	<b>23,301</b>	<b>1,001,786</b>	<b>100%</b>	<b>1,001,790</b>	<b>10.55</b>	
<i>Last Revised: 23 May 06</i>										
<i>* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.</i>										
<i>** Calculation uses "# projected" values without correction for unknown/unreported county values.</i>										

## SOUTH DAKOTA PHEASANT HARVEST 1941-2005



## SOUTH DAKOTA PHEASANT HUNTERS AND AVERAGE SEASON HARVEST 1941-2005





## GRAY PARTRIDGE

The 2005 partridge season covered 17 September – 1 January 2006 statewide. Harvest surveys were sent to both resident and nonresident hunters. The daily limit was 5 birds, possession 15. To hunt partridge, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses; nonresidents were required to obtain a nonresident small game, a nonresident youth small game, or nonresident shooting preserve license. None of the shooting preserve license holders were surveyed, nor is their harvest included in any of the data in this report.

In 2005, there were 92,679 residents and 96,418 nonresidents licensed to hunt partridge. Approximately 8.3% of residents and 3.5% of nonresidents were surveyed for the upland bird seasons. Survey response rates were 71.1% for residents and 67.1% for nonresidents.

Based on survey responses indicating at least one day of hunting partridge, there were a projected 3,534 resident and 2,236 nonresident partridge hunters.

From the survey responses, an estimated 14,726 partridge were harvested (9,074 by residents, 5,679 by nonresidents) during the 2005 season. When asked their satisfaction on the season, (1 being most satisfied, 7 being least satisfied), resident upland bird hunters reported an average satisfaction rating of 2.81 while nonresidents reported an average satisfaction rating of 2.17.

### Comparison of the 2000 - 2005 partridge harvests

Year	Resident Hunters					Nonresident Hunters				
	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction
2000	4,165	17,743	7.50	4.26	3.29	2,263	6,065	5.28	2.68	2.80
2001	4,520	10,080	7.02	2.23	3.61	2,043	4,025	4.92	1.97	2.92
2002	4,030	9,471	7.36	2.35	3.83	2,750	5,390	4.20	1.96	3.07
2003	4,701	10,342	7.35	2.20	2.93	2,634	5,347	4.26	2.03	1.96
2004	3,357	6,110	6.70	1.82	3.39	2,186	3,170	4.45	1.45	2.53
2005	3,534	9,047	8.41	2.56	2.81	2,236	5,679	4.31	2.54	2.17

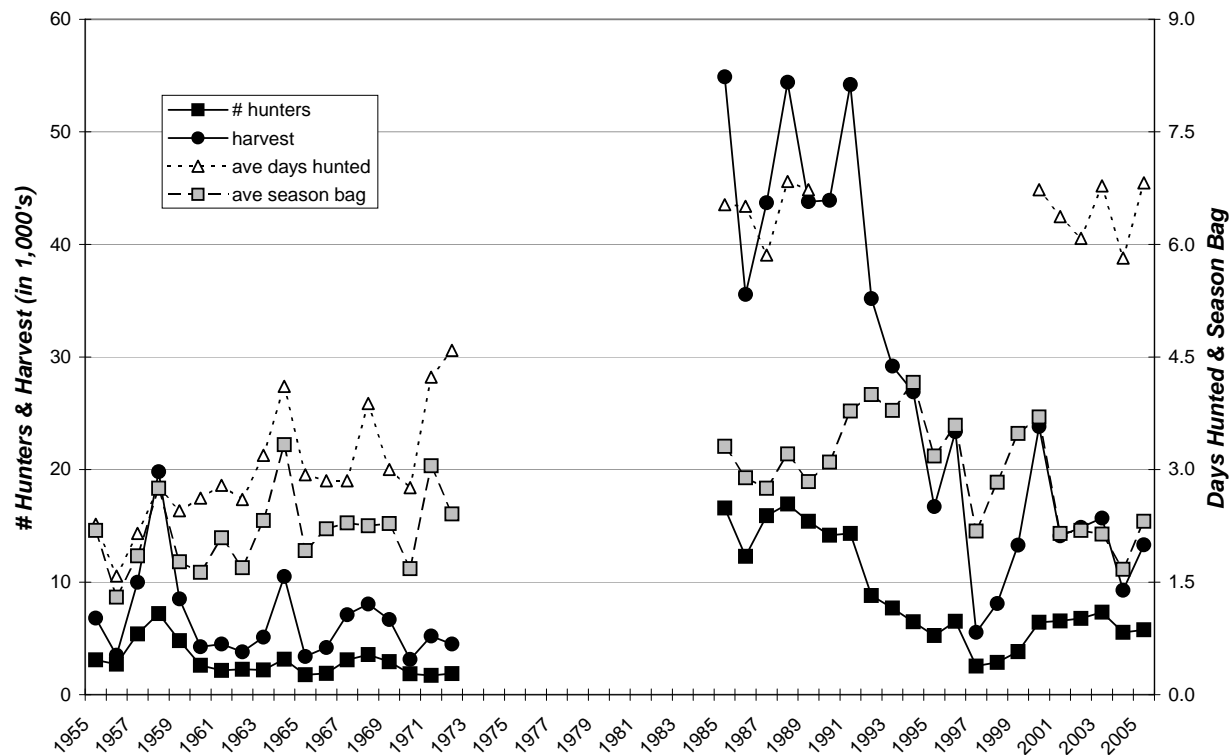
### **PARTRIDGE HARVEST PROJECTIONS FOR 2005**

Revised: 15 June 06

	RESIDENT TOTALS BY LICENSE TYPE					NONRESIDENT TOTALS		
	Small Game	Combo	Junior Combo	Youth SmGm	Sum Estimates	Nonres Sm Game	Youth Sm Game	Sum Estimates
<b>Licenses Sold</b>	36,265	41,418	7,080	7,916	<b>92,679</b>	93,096	3,322	<b>96,418</b>
<b>Projected ACTIVE UPLAND BIRD HUNTERS</b>	<b>28,836</b>	<b>30,948</b>	<b>5,027</b>	<b>6,452</b>	<b>71,069</b>	<b>89,365</b>	<b>3,088</b>	<b>92,453</b>
Number Sampled by Survey	3,006	3,622	573	507	<b>7,708</b>	3,217	123	<b>3,340</b>
Number Responded to Survey	2,016	2,781	338	346	<b>5,481</b>	2,171	71	<b>2,242</b>
Responded and Participated in Season	<b>1,603</b>	<b>2,078</b>	<b>240</b>	<b>282</b>	<b>4,203</b>	<b>2,084</b>	<b>66</b>	<b>2,150</b>
Responded but DID NOT HUNT	413	703	98	64	<b>1,278</b>	87	5	<b>92</b>
<b>Survey Response Rate</b>	<b>67.1%</b>	<b>76.8%</b>	<b>59.0%</b>	<b>68.2%</b>	<b>71.1%</b>	<b>67.5%</b>	<b>57.7%</b>	<b>67.1%</b>
No. Hunters Reporting Partridge Days	48	135	13	13	<b>209</b>	52	0	<b>52</b>
Sum Partridge Hunted Days	504	1,127	69	58	<b>1,758</b>	224	0	<b>224</b>
Average Days Hunted Partridge	<b>10.50</b>	<b>8.35</b>	<b>5.31</b>	<b>4.46</b>	<b>8.41</b>	<b>4.31</b>		<b>4.31</b>
Sum Partridge Bagged	108	367	37	22	<b>534</b>	132	0	<b>132</b>
Average Season Partridge Bag	<b>2.25</b>	<b>2.72</b>	<b>2.85</b>	<b>1.69</b>	<b>2.56</b>	<b>2.54</b>		<b>2.54</b>
<b>Projected Days Partridge Hunting</b>	<b>9,062</b>	<b>16,792</b>	<b>1,444</b>	<b>1,325</b>	<b>29,721</b>	<b>9,611</b>	<b>0</b>	<b>9,637</b>
<b>Projected No. Partridge Hunters</b>	<b>863</b>	<b>2,011</b>	<b>272</b>	<b>297</b>	<b>3,534</b>	<b>2,230</b>	<b>0</b>	<b>2,236</b>
<b>Projected Partridge Bag</b>	<b>1,942</b>	<b>5,470</b>	<b>775</b>	<b>502</b>	<b>9,047</b>	<b>5,664</b>	<b>0</b>	<b>5,679</b>
<b>TOTAL HUNGARIAN PARTRIDGE HARVEST =</b>						<b>14,726</b>		
<b>Upland Bird Hunters Mean Satisfaction Score **</b>	2.87	2.74	2.87	2.90	2.81	2.17	2.17	2.17

\*\* Based on scale of 1-7 with 1="very satisfied" and 7="very dissatisfied"

STATEWIDE GRAY PARTRIDGE HARVEST, 1955-2005



South Dakota Game Report No 2006-05 - 2005 Small Game, Upland Bird & Migratory Bird Harvest Projections  
Corey Huxoll

<b>Resident Partridge Harvest Distribution by County 2005</b>										
<b>COUNTY</b>	<b>HUNTER DISTRIBUTION</b>					<b>HARVEST DISTRIBUTION</b>				<b>Birds/Hunter **</b>
	<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>		<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>	
Minnehaha	11	186	5.6	199		9	152	1.8	160	0.8
Pennington	4	68	2.1	73		4	68	0.8	72	1.0
Brown	5	85	2.6	91		15	254	3.0	268	3.0
Beadle	6	101	3.1	108		5	85	1.0	90	0.8
Codington	4	68	2.1	73		4	68	0.8	72	1.0
Brookings	11	186	5.6	199		9	152	1.8	160	0.8
Yankton	1	17	0.5	18		2	34	0.4	36	2.0
Davison	2	34	1.0	36		4	68	0.8	72	2.0
Lawrence	0	0	0.0	0		0	0	0.0	0	0
Aurora	2	34	1.0	36		11	186	2.2	196	5.5
Bennett	0	0	0.0	0		0	0	0.0	0	0
Bon Homme	2	34	1.0	36		2	34	0.4	36	1.0
Brule	0	0	0.0	0		0	0	0.0	0	0
Buffalo	0	0	0.0	0		0	0	0.0	0	0
Butte	3	51	1.5	55		4	68	0.8	72	1.3
Campbell	3	51	1.5	55		8	136	1.6	143	2.7
Charles Mix	2	34	1.0	36		6	102	1.2	107	3.0
Clark	2	34	1.0	36		19	322	3.7	339	9.5
Clay	1	17	0.5	18		0	0	0.0	0	0.0
Corson	7	118	3.6	126		9	152	1.8	160	1.3
Custer	0	0	0.0	0		0	0	0.0	0	0
Day	4	68	2.1	73		9	152	1.8	160	2.2
Deuel	6	101	3.1	108		7	119	1.4	125	1.2
Dewey	7	118	3.6	126		20	339	3.9	357	2.9
Douglas	0	0	0.0	0		0	0	0.0	0	0
Edmunds	2	34	1.0	36		0	0	0.0	0	0.0
Fall River	0	0	0.0	0		0	0	0.0	0	0
Faulk	1	17	0.5	18		0	0	0.0	0	0.0
Grant	11	186	5.6	199		40	678	7.9	714	3.6
Gregory	0	0	0.0	0		0	0	0.0	0	0
Haakon	1	17	0.5	18		3	51	0.6	54	3.0
Hamlin	5	85	2.6	91		17	288	3.4	303	3.4
Hand	5	85	2.6	91		24	407	4.7	429	4.8
Hanson	2	34	1.0	36		1	17	0.2	18	0.5
Harding	2	34	1.0	36		5	85	1.0	90	2.5
Hughes	2	34	1.0	36		1	17	0.2	18	0.5
Hutchinson	4	68	2.1	73		22	373	4.3	393	5.5
Hyde	2	34	1.0	36		3	51	0.6	54	1.5
Jackson	0	0	0.0	0		0	0	0.0	0	0
Jerauld	0	0	0.0	0		0	0	0.0	0	0
Jones	0	0	0.0	0		0	0	0.0	0	0
Kingsbury	3	51	1.5	55		6	102	1.2	107	2.0
Lake	7	118	3.6	126		8	136	1.6	143	1.2
Lincoln	6	101	3.1	108		4	68	0.8	72	0.7
Lyman	3	51	1.5	55		2	34	0.4	36	0.7
McCook	6	101	3.1	108		12	203	2.4	214	2.0
McPherson	0	0	0.0	0		0	0	0.0	0	0
Marshall	2	34	1.0	36		3	51	0.6	54	1.5
Meade	5	85	2.6	91		63	1,067	12.4	1,124	12.6
Mellette	0	0	0.0	0		0	0	0.0	0	0
Miner	6	101	3.1	108		17	288	3.4	303	2.9
Moody	5	85	2.6	91		5	85	1.0	90	1.0
Perkins	7	118	3.6	126		31	525	6.1	553	4.4
Potter	2	34	1.0	36		2	34	0.4	36	1.0
Roberts	7	118	3.6	126		19	322	3.7	339	2.7
Sanborn	3	51	1.5	55		7	119	1.4	125	2.3
Spink	6	101	3.1	108		52	881	10.3	928	8.7
Stanley	0	0	0.0	0		0	0	0.0	0	0
Sully	0	0	0.0	0		0	0	0.0	0	0
Tripp	0	0	0.0	0		0	0	0.0	0	0
Turner	2	34	1.0	36		0	0	0.0	0	0.0
Union	0	0	0.0	0		0	0	0.0	0	0
Walworth	3	51	1.5	55		1	17	0.2	18	0.3
Ziebach	1	17	0.5	18		12	203	2.4	214	11.9
Shannon	1	17	0.5	18		0	0	0.0	0	0.0
Todd	0	0	0.0	0		0	0	0.0	0	0
Unknown	14	237	-	-		27	457	-	-	1.9
<b>TOTALS:</b>	<b>209</b>	<b>3,534</b>	<b>100%</b>	<b>3,528</b>		<b>534</b>	<b>9,047</b>	<b>100%</b>	<b>9,054</b>	<b>2.56</b>
Last Revised: 15 June 06										
* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.										
** Calculation uses "# projected" values without correction for unknown/unreported county values.										

South Dakota Game Report No 2006-05 - 2005 Small Game, Upland Bird & Migratory Bird Harvest Projections  
Corey Huxoll

<b>Nonresident Partridge Harvest Distribution by County 2005</b>										
<b>COUNTY</b>	<b>HUNTER DISTRIBUTION</b>					<b>HARVEST DISTRIBUTION</b>				<b>Birds/Hunter **</b>
	<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>		<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>	
Minnehaha	0	0	0.0	0		0	0	0.0	0	0
Pennington	0	0	0.0	0		0	0	0.0	0	0
Brown	3	129	7.3	164		1	43	1.0	56	0.3
Beadle	0	0	0.0	0		0	0	0.0	0	0
Codington	2	86	4.9	109		1	43	1.0	56	0.5
Brookings	2	86	4.9	109		2	86	2.0	112	1.0
Yankton	0	0	0.0	0		0	0	0.0	0	0
Davison	0	0	0.0	0		0	0	0.0	0	0
Lawrence	0	0	0.0	0		0	0	0.0	0	0
Aurora	1	43	2.4	55		0	0	0.0	0	0.0
Bennett	0	0	0.0	0		0	0	0.0	0	0
Bon Homme	0	0	0.0	0		0	0	0.0	0	0
Brule	2	86	4.9	109		15	645	14.8	843	7.5
Buffalo	1	43	2.4	55		1	43	1.0	56	1.0
Butte	0	0	0.0	0		0	0	0.0	0	0
Campbell	0	0	0.0	0		0	0	0.0	0	0
Chas Mix	3	129	7.3	164		3	129	3.0	169	1.0
Clark	1	43	2.4	55		2	86	2.0	112	2.0
Clay	0	0	0.0	0		0	0	0.0	0	0
Corson	0	0	0.0	0		0	0	0.0	0	0
Custer	0	0	0.0	0		0	0	0.0	0	0
Day	0	0	0.0	0		0	0	0.0	0	0
Deuel	0	0	0.0	0		0	0	0.0	0	0
Dewey	2	86	4.9	109		4	172	4.0	225	2.0
Douglas	0	0	0.0	0		0	0	0.0	0	0
Edmunds	0	0	0.0	0		0	0	0.0	0	0
Fall River	0	0	0.0	0		0	0	0.0	0	0
Faulk	1	43	2.4	55		5	215	4.9	281	5.0
Grant	0	0	0.0	0		0	0	0.0	0	0
Gregory	0	0	0.0	0		0	0	0.0	0	0
Haakon	0	0	0.0	0		0	0	0.0	0	0
Hamlin	0	0	0.0	0		0	0	0.0	0	0
Hand	2	86	4.9	109		16	688	15.8	899	8.0
Hanson	1	43	2.4	55		0	0	0.0	0	0.0
Harding	0	0	0.0	0		0	0	0.0	0	0
Hughes	2	86	4.9	109		1	43	1.0	56	0.5
Hutchinson	1	43	2.4	55		2	86	2.0	112	2.0
Hyde	1	43	2.4	55		2	86	2.0	112	2.0
Jackson	0	0	0.0	0		0	0	0.0	0	0
Jerauld	0	0	0.0	0		0	0	0.0	0	0
Jones	2	86	4.9	109		0	0	0.0	0	0.0
Kingsbury	1	43	2.4	55		3	129	3.0	169	3.0
Lake	1	43	2.4	55		3	129	3.0	169	3.0
Lincoln	0	0	0.0	0		0	0	0.0	0	0
Lyman	1	43	2.4	55		0	0	0.0	0	0.0
McCook	0	0	0.0	0		0	0	0.0	0	0
McPherson	0	0	0.0	0		0	0	0.0	0	0
Marshall	0	0	0.0	0		0	0	0.0	0	0
Meade	2	86	4.9	109		10	430	9.9	562	5.0
Mellette	1	43	2.4	55		1	43	1.0	56	1.0
Miner	0	0	0.0	0		0	0	0.0	0	0
Moody	0	0	0.0	0		0	0	0.0	0	0
Perkins	1	43	2.4	55		2	86	2.0	112	2.0
Potter	0	0	0.0	0		0	0	0.0	0	0
Roberts	0	0	0.0	0		0	0	0.0	0	0
Sanborn	0	0	0.0	0		0	0	0.0	0	0
Spink	0	0	0.0	0		0	0	0.0	0	0
Stanley	1	43	2.4	55		1	43	1.0	56	1.0
Sully	2	86	4.9	109		18	774	17.8	1,012	9.0
Tripp	2	86	4.9	109		3	129	3.0	169	1.5
Turner	0	0	0.0	0		0	0	0.0	0	0
Union	0	0	0.0	0		0	0	0.0	0	0
Walworth	1	43	2.4	55		0	0	0.0	0	0.0
Ziebach	0	0	0.0	0		0	0	0.0	0	0
Shannon	0	0	0.0	0		0	0	0.0	0	0
Todd	1	43	2.4	55		5	215	4.9	281	5.0
Unknown	11	473	-	-		31	1,334	-	-	2.8
<b>TOTALS:</b>	<b>52</b>	<b>2,236</b>	<b>99.6%</b>	<b>2,243</b>		<b>132</b>	<b>5,679</b>	<b>100.1%</b>	<b>5,675</b>	<b>2.54</b>
Last Revised: 15 June 06										
* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.										
** Calculation uses "# projected" values without correction for unknown/unreported county values.										

## **PRAIRIE CHICKEN & SHARP-TAILED GROUSE**

Historically, these two species, plus ruffed grouse, were combined under the name "Prairie Grouse." In these reports, harvest estimates for these species were combined. It has been estimated that sharptails probably make up 60% of the prairie grouse harvest, ruffed grouse are almost inconsequential due to the numbers harvested. However, hunters have not been asked specific questions of these species. Therefore, they continue to be combined for this report.

The 2005 grouse season covered 17 September - 1 January 2006 statewide (except Lacreek National Wildlife Refuge which was open 15 October - 1 January 2006). Harvest surveys were sent to both resident and nonresident hunters. The daily limit was 3 birds, possession 15. To hunt grouse residents were required to hold a small game, 1-day small game, adult or junior combination, or youth small game license; nonresidents were required to obtain the nonresident small game, the nonresident youth small game, or nonresident shooting preserve license. No shooting preserve license holders were surveyed and none of their harvest is included in the data in this report.

In 2005, there were 92,679 residents and 96,418 nonresidents licensed to hunt grouse. Approximately 8.3% of residents and 3.5% of nonresidents were surveyed for the upland bird seasons. Survey response rates were 71.1% for residents and 67.1% for nonresidents.

Based on survey responses indicating at least one day of hunting grouse, there were a projected 7,508 resident and 5,806 nonresident grouse hunters.

From the survey responses, a projected total of 50,863 grouse were harvested (33,561 by residents, 17,302 by nonresidents) during the 2005 season.

When asked their satisfaction on the season, (1 being very satisfied, 7 being very dissatisfied), resident upland bird hunters reported an average rating of 2.81 while nonresidents reported a satisfaction rating of 2.17.

### **A comparison of the 1997 - 2005 prairie grouse harvests**

<b>Year</b>	<b>Resident Hunters</b>					<b>Nonresident Hunters</b>				
	<b>Number Hunters</b>	<b>Harvest</b>	<b>Ave Day Hunted</b>	<b>Ave Bag</b>	<b>Satisfaction</b>	<b>Number Hunters</b>	<b>Harvest</b>	<b>Ave Day Hunted</b>	<b>Ave Bag</b>	<b>Satisfaction</b>
1997	13,651	62,705	4.83	4.66	NA	3,972	12,585	4.06	3.20	NA
1998	12,728	57,452	4.44	4.57	3.67	5,139	16,880	4.25	3.30	2.78
1999	13,143	64,401	4.72	4.90	3.40	5,638	21,875	4.15	3.88	2.67
2000	12,369	100,807	5.75	8.15	3.29	4,841	20,139	4.20	4.16	2.80
2001	10,852	53,392	4.80	4.92	3.45	4,943	16,411	4.11	3.32	2.77
2002	8,644	29,649	4.37	3.43	3.83	4,963	11,762	4.32	2.37	3.24
2003	9,478	37,249	4.05	3.93	3.02	6,058	14,660	3.84	2.42	2.47
2004	7,859	27,821	4.12	3.54	3.19	3,655	11,367	4.04	3.11	2.61
2005	7,508	33,561	4.58	4.47	2.81	5,806	17,302	3.85	2.98	2.17

South Dakota Game Report No 2006-05 - 2005 Small Game, Upland Bird & Migratory Bird Harvest Projections  
Corey Huxoll

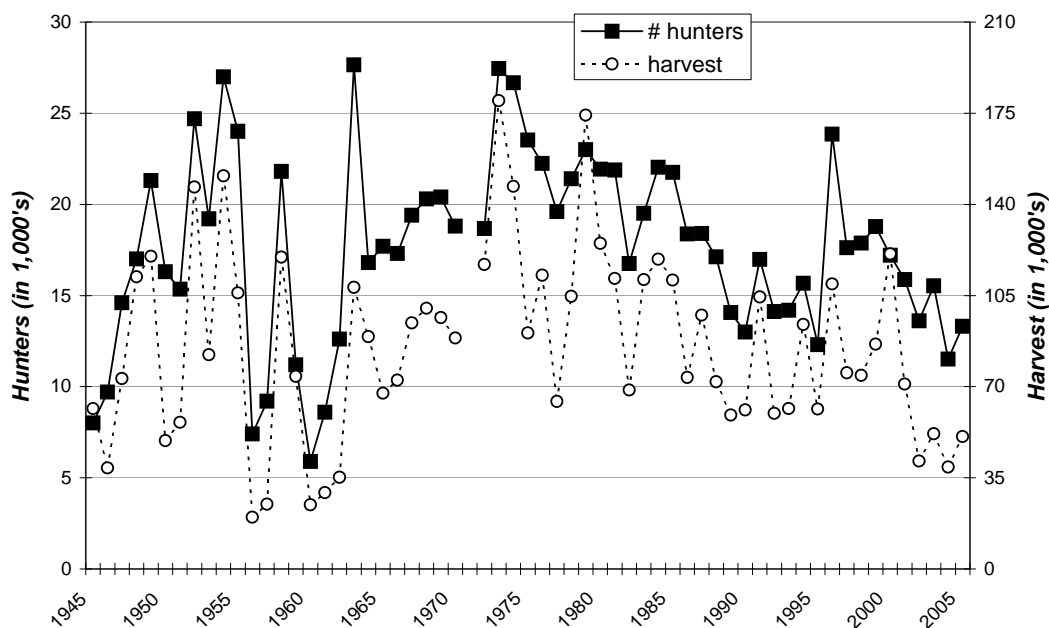
# **PRAIRIE GROUSE HARVEST PROJECTIONS FOR 2005**

Revised: 15 June 06

	RESIDENT TOTALS BY LICENSE TYPE					NONRESIDENT TOTALS		
	Small Game	Combo	Junior Combo	Youth SmGm	Sum Estimates	Nonres Sm Game	Youth Sm Game	Sum Estimates
<b>Licenses Sold</b>	36,265	41,418	7,080	7,916	<b>92,679</b>	93,096	3,322	<b>96,418</b>
<b>Projected ACTIVE UPLAND BIRD HUNTERS</b>	<b>28,836</b>	<b>30,948</b>	<b>5,027</b>	<b>6,452</b>	<b>71,069</b>	<b>89,365</b>	<b>3,088</b>	<b>92,453</b>
Number Sampled by Survey	3,006	3,622	573	507	<b>7,708</b>	3,217	123	<b>3,340</b>
Number Responded to Survey	2,016	2,781	338	346	<b>5,481</b>	2,171	71	<b>2,242</b>
Responded and Participated in Season	<b>1,603</b>	<b>2,078</b>	<b>240</b>	<b>282</b>	<b>4,203</b>	<b>2,084</b>	<b>66</b>	<b>2,150</b>
Responded but DID NOT HUNT	413	703	98	64	<b>1,278</b>	87	5	<b>92</b>
<b>Survey Response Rate</b>	<b>67.1%</b>	<b>76.8%</b>	<b>59.0%</b>	<b>68.2%</b>	<b>71.1%</b>	<b>67.5%</b>	<b>57.7%</b>	<b>67.1%</b>
No. Hunters Reporting Grouse Days	116	281	24	23	<b>444</b>	131	4	<b>135</b>
Sum Grouse Hunted Days	541	1,310	108	74	<b>2,033</b>	500	20	<b>520</b>
Average Days Hunted Grouse	<b>4.66</b>	<b>4.66</b>	<b>4.50</b>	<b>3.22</b>	<b>4.58</b>	<b>3.82</b>	<b>5.00</b>	<b>3.85</b>
Sum Grouse Bagged	529	1,356	65	36	<b>1,986</b>	399	3	<b>402</b>
Average Season Grouse Bag	<b>4.56</b>	<b>4.83</b>	<b>2.71</b>	<b>1.57</b>	<b>4.47</b>	<b>3.05</b>	<b>0.75</b>	<b>2.98</b>
<b>Projected Days Grouse Hunting</b>	<b>9,725</b>	<b>19,502</b>	<b>2,264</b>	<b>1,694</b>	<b>34,387</b>	<b>21,457</b>	<b>935</b>	<b>22,353</b>
<b>Projected No. Grouse Hunters</b>	<b>2,087</b>	<b>4,185</b>	<b>503</b>	<b>526</b>	<b>7,508</b>	<b>5,617</b>	<b>187</b>	<b>5,806</b>
<b>Projected Grouse Bag</b>	<b>9,517</b>	<b>20,214</b>	<b>1,363</b>	<b>826</b>	<b>33,561</b>	<b>17,132</b>	<b>140</b>	<b>17,302</b>
<b>TOTAL GROUSE HARVEST =</b>						<b>50,863</b>		
<b>Upland Bird Hunters Mean Satisfaction Score **</b>	2.87	2.74	2.87	2.90	2.81	2.17	2.17	2.17

\*\* Based on scale of 1-7 with 1="very satisfied" and 7="very dissatisfied"

## **PRAIRIE GROUSE HUNTERS & HARVEST 1945-2005**



South Dakota Game Report No 2006-05 - 2005 Small Game, Upland Bird & Migratory Bird Harvest Projections  
Corey Huxoll

<b>Resident Grouse Harvest Distribution by County 2005</b>										
<b>COUNTY</b>	<b>HUNTER DISTRIBUTION</b>				<b>HARVEST DISTRIBUTION</b>				<b>Birds/Hunter</b>	
	<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>	<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>		
Minnehaha	0	0	0.0	0	0	0	0.0	0	0	0
Pennington	30	507	7.0	528	81	1,369	4.2	1,412	2.7	2.7
Brown	1	17	0.2	18	0	0	0.0	0	0.0	0.0
Beadle	2	34	0.5	35	9	152	0.5	157	4.5	4.5
Codington	4	68	0.9	71	9	152	0.5	157	2.2	2.2
Brookings	2	34	0.5	35	3	51	0.2	53	1.5	1.5
Yankton	0	0	0.0	0	0	0	0.0	0	0	0
Davison	0	0	0.0	0	0	0	0.0	0	0	0
Lawrence	3	51	0.7	53	3	51	0.2	53	1.0	1.0
Aurora	4	68	0.9	71	3	51	0.2	53	0.8	0.8
Bennett	12	203	2.8	212	36	608	1.9	627	3.0	3.0
Bon Homme	1	17	0.2	18	1	17	0.1	18	1.0	1.0
Brule	1	17	0.2	18	2	34	0.1	35	2.0	2.0
Buffalo	1	17	0.2	18	2	34	0.1	35	2.0	2.0
Butte	5	85	1.2	89	86	1,453	4.5	1,498	17.1	17.1
Campbell	2	34	0.5	35	16	270	0.8	278	7.9	7.9
Charles Mix	8	135	1.9	141	10	169	0.5	174	1.3	1.3
Clark	1	17	0.2	18	6	101	0.3	104	5.9	5.9
Clay	1	17	0.2	18	0	0	0.0	0	0.0	0.0
Corson	17	287	4.0	299	110	1,859	5.7	1,917	6.5	6.5
Custer	2	34	0.5	35	7	118	0.4	122	3.5	3.5
Day	11	186	2.6	194	56	946	2.9	975	5.1	5.1
Deuel	3	51	0.7	53	6	101	0.3	104	2.0	2.0
Dewey	15	254	3.5	265	101	1,707	5.2	1,760	6.7	6.7
Douglas	2	34	0.5	35	2	34	0.1	35	1.0	1.0
Edmunds	2	34	0.5	35	7	118	0.4	122	3.5	3.5
Fall River	2	34	0.5	35	5	84	0.3	87	2.5	2.5
Faulk	2	34	0.5	35	3	51	0.2	53	1.5	1.5
Grant	10	169	2.3	176	18	304	0.9	313	1.8	1.8
Gregory	3	51	0.7	53	2	34	0.1	35	0.7	0.7
Haakon	13	220	3.1	229	61	1,031	3.2	1,063	4.7	4.7
Hamlin	1	17	0.2	18	5	84	0.3	87	4.9	4.9
Hand	16	271	3.8	282	81	1,369	4.2	1,412	5.1	5.1
Hanson	1	17	0.2	18	0	0	0.0	0	0.0	0.0
Harding	7	118	1.6	123	37	625	1.9	644	5.3	5.3
Hughes	12	203	2.8	212	47	794	2.4	819	3.9	3.9
Hutchinson	1	17	0.2	18	4	68	0.2	70	4.0	4.0
Hyde	4	68	0.9	71	6	101	0.3	104	1.5	1.5
Jackson	11	186	2.6	194	29	490	1.5	505	2.6	2.6
Jerauld	2	34	0.5	35	4	68	0.2	70	2.0	2.0
Jones	7	118	1.6	123	34	575	1.8	593	4.9	4.9
Kingsbury	0	0	0.0	0	0	0	0.0	0	0	0
Lake	0	0	0.0	0	0	0	0.0	0	0	0
Lincoln	1	17	0.2	18	8	135	0.4	139	7.9	7.9
Lyman	25	423	5.9	441	151	2,552	7.8	2,632	6.0	6.0
McCook	0	0	0.0	0	0	0	0.0	0	0	0
McPherson	13	220	3.1	229	30	507	1.6	523	2.3	2.3
Marshall	3	51	0.7	53	4	68	0.2	70	1.3	1.3
Meade	24	406	5.6	423	80	1,352	4.2	1,394	3.3	3.3
Mellette	9	152	2.1	158	53	896	2.8	924	5.9	5.9
Miner	2	34	0.5	35	9	152	0.5	157	4.5	4.5
Moody	0	0	0.0	0	0	0	0.0	0	0	0
Perkins	15	254	3.5	265	75	1,267	3.9	1,306	5.0	5.0
Potter	10	169	2.3	176	55	929	2.9	958	5.5	5.5
Roberts	5	85	1.2	89	21	355	1.1	366	4.2	4.2
Sanborn	1	17	0.2	18	0	0	0.0	0	0.0	0.0
Spink	3	51	0.7	53	3	51	0.2	53	1.0	1.0
Stanley	50	845	11.7	881	293	4,951	15.2	5,105	5.9	5.9
Sully	13	220	3.1	229	38	642	2.0	662	2.9	2.9
Tripp	13	220	3.1	229	115	1,943	6.0	2,004	8.8	8.8
Turner	0	0	0.0	0	0	0	0.0	0	0	0
Union	0	0	0.0	0	0	0	0.0	0	0	0
Walworth	10	169	2.3	176	32	541	1.7	558	3.2	3.2
Ziebach	2	34	0.5	35	17	287	0.9	296	8.4	8.4
Shannon	1	17	0.2	18	8	135	0.4	139	7.9	7.9
Todd	4	68	0.9	71	42	710	2.2	732	10.4	10.4
Unknown	18	304	-	-	60	1,014	-	-	3.3	3.3
<b>TOTALS:</b>	<b>444</b>	<b>7,508</b>	<b>99.7%</b>	<b>7,513</b>	<b>1,986</b>	<b>33,561</b>	<b>101%</b>	<b>33,562</b>	<b>4.47</b>	
Last Revised: 15 June 06										
* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.										
** Calculation uses "# projected" values without correction for unknown/unreported county values.										

South Dakota Game Report No 2006-05 - 2005 Small Game, Upland Bird & Migratory Bird Harvest Projections  
Corey Huxoll

<b>Nonresident Grouse Harvest Distribution by County 2005</b>										
<b>COUNTY</b>	<b>HUNTER DISTRIBUTION</b>				<b>HARVEST DISTRIBUTION</b>				<b>Birds/Hunter</b>	
	<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>	<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>		
Minnehaha	0	0	0.0	0	0	0	0.0	0	0	0
Pennington	0	0	0.0	0	0	0	0.0	0	0	0
Brown	4	172	3.7	217	1	43	0.3	54	0.3	0
Beadle	0	0	0.0	0	0	0	0.0	0	0	0
Codington	0	0	0.0	0	0	0	0.0	0	0	0
Brookings	1	43	0.9	54	2	86	0.6	108	2.0	0
Yankton	0	0	0.0	0	0	0	0.0	0	0	0
Davison	0	0	0.0	0	0	0	0.0	0	0	0
Lawrence	0	0	0.0	0	0	0	0.0	0	0	0
Aurora	3	129	2.8	163	1	43	0.3	54	0.3	0
Bennett	4	172	3.7	217	7	301	2.2	377	1.8	0
Bon Homme	0	0	0.0	0	0	0	0.0	0	0	0
Brule	4	172	3.7	217	8	344	2.5	431	2.0	0
Buffalo	1	43	0.9	54	0	0	0.0	0	0.0	0
Butte	0	0	0.0	0	0	0	0.0	0	0	0
Campbell	0	0	0.0	0	0	0	0.0	0	0	0
Chas Mix	3	129	2.8	163	2	86	0.6	108	0.7	0
Clark	2	86	1.9	108	4	172	1.2	215	2.0	0
Clay	0	0	0.0	0	0	0	0.0	0	0	0
Corson	2	86	1.9	108	3	129	0.9	162	1.5	0
Custer	0	0	0.0	0	0	0	0.0	0	0	0
Day	2	86	1.9	108	5	215	1.6	269	2.5	0
Deuel	0	0	0.0	0	0	0	0.0	0	0	0
Dewey	8	344	7.5	434	51	2,195	15.9	2,749	6.4	0
Douglas	0	0	0.0	0	0	0	0.0	0	0	0
Edmunds	1	43	0.9	54	1	43	0.3	54	1.0	0
Fall River	0	0	0.0	0	0	0	0.0	0	0	0
Faulk	4	172	3.7	217	6	258	1.9	323	1.5	0
Grant	0	0	0.0	0	0	0	0.0	0	0	0
Gregory	3	129	2.8	163	11	473	3.4	592	3.7	0
Haakon	4	172	3.7	217	17	732	5.3	917	4.3	0
Hamlin	0	0	0.0	0	0	0	0.0	0	0	0
Hand	4	172	3.7	217	7	301	2.2	377	1.8	0
Hanson	0	0	0.0	0	0	0	0.0	0	0	0
Harding	1	43	0.9	54	4	172	1.2	215	4.0	0
Hughes	4	172	3.7	217	5	215	1.6	269	1.3	0
Hutchinson	0	0	0.0	0	0	0	0.0	0	0	0
Hyde	1	43	0.9	54	3	129	0.9	162	3.0	0
Jackson	1	43	0.9	54	1	43	0.3	54	1.0	0
Jerauld	1	43	0.9	54	0	0	0.0	0	0.0	0
Jones	4	172	3.7	217	6	258	1.9	323	1.5	0
Kingsbury	0	0	0.0	0	0	0	0.0	0	0	0
Lake	0	0	0.0	0	0	0	0.0	0	0	0
Lincoln	0	0	0.0	0	0	0	0.0	0	0	0
Lyman	13	559	12.1	705	59	2,539	18.4	3,180	4.5	0
McCook	0	0	0.0	0	0	0	0.0	0	0	0
McPherson	6	258	5.6	325	8	344	2.5	431	1.3	0
Marshall	1	43	0.9	54	2	86	0.6	108	2.0	0
Meade	4	172	3.7	217	16	689	5.0	863	4.0	0
Mellette	3	129	2.8	163	16	689	5.0	863	5.3	0
Miner	0	0	0.0	0	0	0	0.0	0	0	0
Moody	0	0	0.0	0	0	0	0.0	0	0	0
Perkins	2	86	1.9	108	8	344	2.5	431	4.0	0
Potter	4	172	3.7	217	14	603	4.4	755	3.5	0
Roberts	0	0	0.0	0	0	0	0.0	0	0	0
Sanborn	0	0	0.0	0	0	0	0.0	0	0	0
Spink	0	0	0.0	0	0	0	0.0	0	0	0
Stanley	2	86	1.9	108	7	301	2.2	377	3.5	0
Sully	1	43	0.9	54	15	646	4.7	809	15.0	0
Tripp	5	215	4.7	271	18	775	5.6	971	3.6	0
Turner	0	0	0.0	0	0	0	0.0	0	0	0
Union	0	0	0.0	0	0	0	0.0	0	0	0
Walworth	1	43	0.9	54	1	43	0.3	54	1.0	0
Ziebach	1	43	0.9	54	10	430	3.1	538	10.0	0
Shannon	0	0	0.0	0	0	0	0.0	0	0	0
Todd	2	86	1.9	108	2	86	0.6	108	1.0	0
Unknown	28	1,204	-	-	81	3,486	-	-	2.9	0
<b>TOTALS:</b>	<b>135</b>	<b>5,806</b>	<b>99%</b>	<b>5,799</b>	<b>402</b>	<b>17,302</b>	<b>100%</b>	<b>17,301</b>	<b>2.98</b>	

Last Revised: 15 June 06

\* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.

\*\* Calculation uses "# projected" values without correction for unknown/unreported county values.



## **SAGE GROUSE**

The first modern sage grouse hunting season was held in 1955. Between 1955 and 1980, the season was open only about half the years, primarily during the 1970s. Seasons were restrictive. Length of season ranged from 2 to 7 days, with many seasons held during the week. Daily bag limits were 1 or 2 birds. In 1980, the population was declining and continued to decline until the mid-1980s. It then stabilized with some fluctuations from year to year. Currently, the population is considered low compared to historical levels, but stable. The sage grouse hunting season was re-opened in 2000.

The 2005 sage grouse season was held on 28,29, September, on public lands including those owned or managed by US Bureau of Land Management, US Forest Service, State School and Public Lands Office, and Walk-In Areas in Harding and Butte counties west of US 85. The daily and season limit was 1 bird.

Hunters were not statistically surveyed about their sage grouse harvest, however GFP employees interviewed hunters in the field. Approximately 40 individual hunters participated in the season. Total recorded harvest was 26 grouse, of which 17 were taken in Harding County and 9 were taken in Butte County. Of the 26 birds checked by employees, 14 were males and 12 were females. Two of the 12 females and 8 of the 14 males were adults. In comparison to the 2004 season, there was a slight increase in the number of birds taken but the ratio of males to females taken remained consistent at 1.16:1. The ratio of juvenile to adult birds taken in 2005 as compared to 2004 declined from 2.12:1 to 1.6:1. All birds but 6 were harvested on opening day.

Weather for the season was optimal with cool, clear mornings and balmy afternoons with moderate breeze. The drought cycle of summer maintained its grip on the sagebrush landscape. Hunters did not appear to have difficulty locating birds during the season but indicated it took considerable effort and patience to get close enough for a shot. Some hunted with dogs but it did not seem to provide a noticeable advantage. Both resident and non-resident hunters participated in the season. Nearly all of the hunters expressed satisfaction with the season opportunity and encouraged continued consideration of a sage grouse hunting season in future years. Hunters reporting seeing an average of approximately 8 birds each during the course of their hunt. Nearly all hunters checked spent all of their time walking and hunting in the field. The heaviest hunting pressure for sage grouse occurred in the Camp Crook area of Harding County. The area within the hunting unit in Southern Butte County experienced the least hunting pressure. The greatest hunter interest was in taking an adult male sage grouse.

### **Comparison of the 2000-2005 Sage Grouse harvests:**

Year	# of Hunters (est. % of total)	Total Harvest	Harvest by County		Harvest by Age & Sex			
			Butte	Harding	Juv/Yr Male	Juv/Yr Female	Adult Male	Adult Female
2000	28 (??%)	24	2	24	10	7	6	1
2001	27 (77%)	12	4	8	2	3	5	2
2002*	32 (88%)	16	4	12	5	3	1	3
2003	36 (95%)	12	4	8	1	4	6	1
2004	53(95%)	25	8	17	5	12	8	0
2005	40 (95%)	26	9	17	6	10	8	2

\*In 2002, only 12 of the 16 sage grouse harvested were checked in with GFP personnel, therefore, harvest by age and sex totals do not add up to the total harvest.

## **NORTHERN BOBWHITE**

The 2004 northern bobwhite season covered 15 October through 1 January 2006 in the area covered by Tripp, Gregory, Charles Mix, Bon Homme, Yankton, Clay, Lincoln, and Union counties even though hunters reported harvesting them in other counties as well. Harvest surveys were sent to both resident and nonresident hunters. The daily limit was 5 birds, possession 15. To hunt bobwhites, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses; nonresidents were required to obtain the nonresident small game the nonresident youth small game, or nonresident shooting preserve license. None of the shooting preserve license holders were surveyed, and their harvest is not included in any data in this report.

In 2005, there were 92,679 residents and 96,418 nonresidents licensed to hunt bobwhites. Approximately 8.3% of residents and 3.5% of nonresidents were surveyed for the upland bird seasons. Survey response rates were 71.1% for residents and 67.1% for nonresidents.

Based on survey responses indicating at least one day of hunting bobwhites, there were a projected 338 resident and 688 nonresident quail hunters.

From the survey responses, an estimated 1,533 quail were harvested (845 residents, 688 nonresidents) during the 2005 season. Upland bird hunters (not restricted to quail hunters only) reported they used private lands more than any other land type. When asked their satisfaction with their hunting, (1 being most satisfied, 7 being least satisfied), resident upland bird hunters reported an average satisfaction rating of 2.81 while nonresidents reported a satisfaction rating of 2.17).

### Comparison of the 2000 - 2005 northern bobwhite harvests

Year	Resident Hunters					Nonresident Hunters				
	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction
2000	157	283	3.60	1.80	3.29	172	86	10.83	0.50	2.80
2001	456	351	4.90	0.77	3.69	99	66	7.33	0.67	3.67
2002	441	653	5.26	1.48	4.10	469	202	5.21	0.43	3.21
2003	650	865	4.51	1.33	3.21	339	302	4.22	0.89	1.56
2004	376	737	5.32	1.96	4.12	377	980	4.60	2.60	3.30
2005	338	845	7.30	2.50	2.81	688	688	2.81	1.0	2.17

### **NORTHERN BOBWHITE HARVEST PROJECTIONS FOR 2005**

Revised: 15 June 06

	RESIDENT TOTALS BY LICENSE TYPE					NONRESIDENT TOTALS		
	Small Game	Combo	Junior Combo	Youth SmGm	Sum Estimates	Nonres Sm Game	Youth Sm Game	Sum Estimates
Licenses Sold	36,265	41,418	7,080	7,916	92,679	93,096	3,322	96,418
Projected ACTIVE UPLAND BIRD HUNTERS	28,836	30,948	5,027	6,452	71,069	89,365	3,088	92,453
Number Sampled by Survey	3,006	3,622	573	507	7,708	3,217	123	3,340
Number Responded to Survey	2,016	2,781	338	346	5,481	2,171	71	2,242
Responded and Participated in Season	1,603	2,078	240	282	4,203	2,084	66	2,150
Responded but DID NOT HUNT	413	703	98	64	1,278	87	5	92
Survey Response Rate	67.1%	76.8%	59.0%	68.2%	71.1%	67.5%	57.7%	67.1%
No. Hunters Reporting Bobwhite Days	4	13	1	2	20	16	0	16
Sum Bobwhite Days	33	91	1	21	146	45	0	45
Average Days Hunting Bobwhites	8.25	7.00	1.00	10.50	7.30	2.81	0.00	2.81
Sum Bobwhites Bagged	12	33	5	0	50	16	0	16
Average Season Bobwhite Bag	3.00	2.54	5.00	0.00	2.50	1.00	0.00	1.00
Projected Days Bobwhite Hunting	594	1,358	21	483	2,467	1,928	0	1,933
Projected No. Bobwhite Hunters	72	194	21	46	338	686	0	688
Projected Bobwhite Bag	216	493	105	0	845	686	0	688
<b>TOTAL QUAIL HARVEST =</b>						<b>1,533</b>		
Upland Bird Hunters Mean Satisfaction Score **	2.87	2.74	2.87	2.90	2.81	2.17	2.17	2.17

\*\* Based on scale of 1-7 with 1="very satisfied" and 7="very dissatisfied"

### Resident Bobwhite Harvest Distribution by County 2005

COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				Birds/Hunter
	# Reported	# Projected	% of Total	# Proj w/ Unk *	# Reported	# Projected	% of Total	# Proj w/ Unk *	
Minnehaha	1	17	5.9	20	0	0	0.0	0	0.0
Pennington	1	17	5.9	20	0	0	0.0	0	0.0
Yankton	1	17	5.9	20	1	17	2.2	18	1.0
Aurora	1	17	5.9	20	3	51	6.6	55	3.0
Chas Mix	2	34	11.8	40	2	34	4.4	37	1.0
Dewey	1	17	5.9	20	5	85	10.9	92	5.0
Grant	1	17	5.9	20	0	0	0.0	0	0.0
Gregory	1	17	5.9	20	3	51	6.6	55	3.0
Hand	1	17	5.9	20	0	0	0.0	0	0.0
Jackson	1	17	5.9	20	20	338	43.5	368	19.9
Meade	1	17	5.9	20	5	85	10.9	92	5.0
Roberts	1	17	5.9	20	3	51	6.6	55	3.0
Sanborn	1	17	5.9	20	0	0	0.0	0	0.0
Turner	1	17	5.9	20	3	51	6.6	55	3.0
Union	1	17	5.9	20	1	17	2.2	18	1.0
Walworth	1	17	5.9	20	0	0	0.0	0	0.0
Unknown	3	51	-	-	4	68	-	-	1.3
<b>TOTALS:</b>	<b>20</b>	<b>338</b>	<b>100%</b>	<b>340</b>	<b>50</b>	<b>845</b>	<b>101%</b>	<b>845</b>	<b>2.50</b>

### Nonresident Bobwhite Harvest Distribution by County 2005

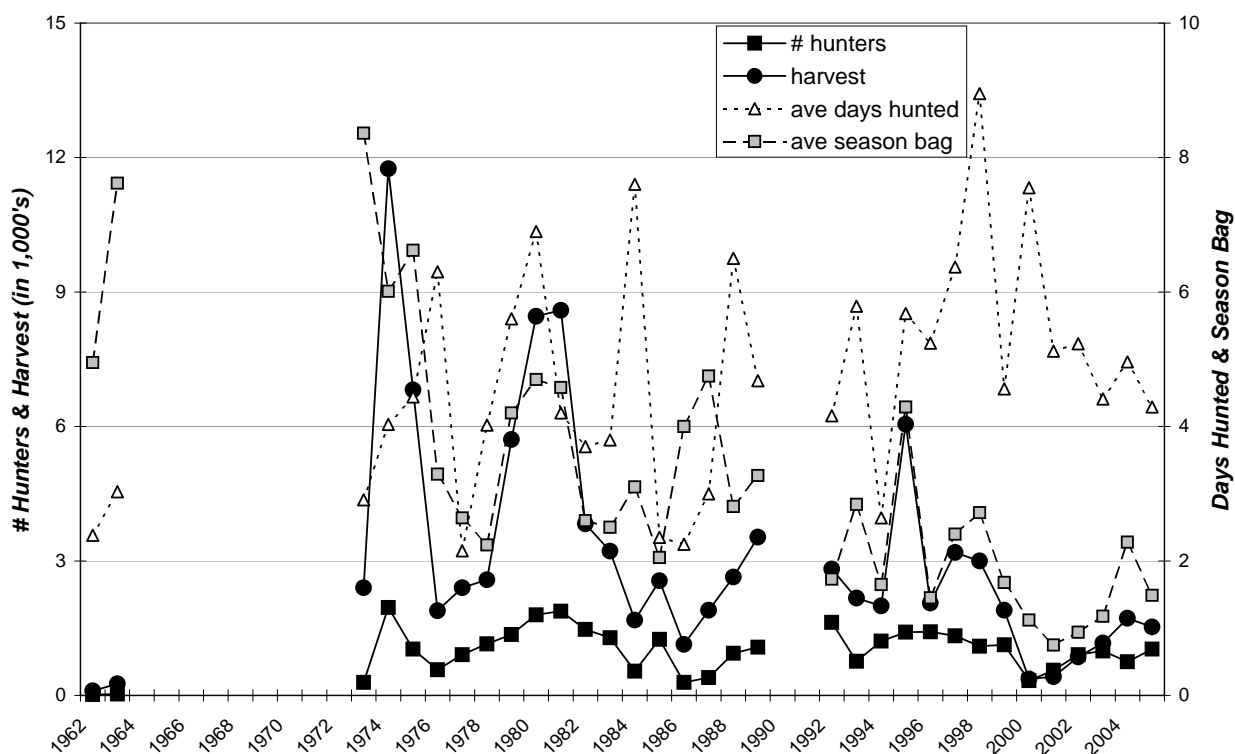
COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				Birds/Hunter
	# Reported	# Projected	% of Total	# Proj w/ Unk *	# Reported	# Projected	% of Total	# Proj w/ Unk *	
Brown	1	43	10.0	69	0	0	0.0	0	0.0
Bennett	1	43	10.0	69	4	172	28.6	197	4.0
Bon Homme	1	43	10.0	69	1	43	7.1	49	1.0
Dewey	1	43	10.0	69	1	43	7.1	49	1.0
Faulk	1	43	10.0	69	0	0	0.0	0	0.0
Hughes	1	43	10.0	69	0	0	0.0	0	0.0
Lyman	1	43	10.0	69	2	86	14.3	98	2.0
Mellette	1	43	10.0	69	1	43	7.1	49	1.0
Spink	1	43	10.0	69	0	0	0.0	0	0.0
Tripp	1	43	10.0	69	5	215	35.7	246	5.0
Unknown	6	258	-	-	2	86	-	-	0.3
<b>TOTALS:</b>	<b>16</b>	<b>688</b>	<b>100%</b>	<b>690</b>	<b>16</b>	<b>688</b>	<b>100%</b>	<b>688</b>	<b>1.00</b>

Last Revised: 15 June 06

\* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.

\*\* Calculation uses "# projected" values without correction for unknown/unreported county values.

## STATEWIDE BOBWHITE HARVEST, 1962-2005



# **WATERFOWL**

In 2005, there were an estimated 24,133 active resident migratory bird hunters in South Dakota. From those, there were projected 21,108 active resident waterfowl hunters and 4,326 nonresident waterfowl hunters. Approximately 9% of the resident migratory bird certificate holders and 27% of the nonresident waterfowl license holders were surveyed. The survey response rates were 71.4% for residents and 80.5% for nonresidents.

Both resident and nonresident hunters reported they hunted more on private land than any other land type. When asked their satisfaction on the season, (1 being most satisfied, 7 being least satisfied), waterfowl hunters reported an overall average rating of 3.34 for residents, and 3.10 for nonresidents.

Summary comparison of the 2000 - 2005 waterfowl seasons.

Year	<b>Resident Hunters</b>				<b>Nonresident Hunters</b>			
	# Active Mig Brd Hunters	# Waterfowl Hunters	Survey Resp. Rate	Satisfaction	# Active Mig Brd Hunters	# Waterfowl Hunters	Survey Resp. Rate	Satisfaction
2000	32,241	28,795	78%	3.42	n/a	4,370	83%	3.24
2001	35,435	32,479	79%	3.30	n/a	3,974	84%	2.79
2002	31,110	28,804	76%	3.41	n/a	5,027	81%	3.01
2003	30,800	27,500	76%	3.15	n/a	4,717	83%	2.96
2004	27,951	25,349	76%	3.64	n/a	4,653	83%	3.40
2005	24,133	21,108	71%	3.34	n/a	4,326	81%	3.10

## **WATERFOWL HARVEST SUMMARY FOR 2005**

Last Revised: 14 June 06

	<b>Resident</b>	<b>Non Residents</b>
<b>Resident Licenses Sold</b>	33,914	-
<b>Nonresident 10-day Licenses Sold</b>	-	4,000
<b>Nonresident 3-day Licenses Sold</b>	-	1,032
<b>Projected ACTIVE MIGRATORY BIRD HUNTERS</b>	<b>24,133</b>	<b>4,326</b>
Number Sampled by Survey	2,889	1,356
Number Responded to Survey	2,063	1,091
Responded and Participated in Season	<b>1,468</b>	<b>938</b>
Responded but DID NOT HUNT	595	153
<b>Survey Response Rate</b>	<b>71.4%</b>	<b>80.5%</b>
No. Hunters Reporting Goose or Duck Days	1,284	938
<b>Projected Waterfowl Hunters - Ducks and Geese</b>	<b>21,108</b>	<b>4,326</b>
<b>TOTAL WATERFOWL HUNTERS = 25,434</b>		
All Waterfowl Hunter Reported Public Land Type Use	670	483
<b>All Waterfowl Hunter Projected Public Land Type Use *</b>	<b>11,014</b>	<b>2,228</b>
All Waterfowl Hunter Reported Private Land Type Use	910	688
<b>All Waterfowl Hunter Projected Private Land Type Use *</b>	<b>14,960</b>	<b>3,173</b>
All Waterfowl Hunter Reported Walk-In Land Type Use	279	217
<b>All Waterfowl Hunter Projected Walk-In Land Type Use *</b>	<b>4,587</b>	<b>1,001</b>
All Waterfowl Hunter Reported Commercial Land Type Use	16	14
<b>All Waterfowl Hunter Projected Commercial Land Type Use *</b>	<b>263</b>	<b>65</b>
<b>All Waterfowl Hunter Mean Satisfaction Score *1*</b>	<b>3.34</b>	<b>3.10</b>

\* Total may be greater than total licenses because hunters reported using more than one land type during season

\*1\* Based on scale of 1-7 with 1=very satisfied & 7=very dissatisfied

South Dakota Game Report No 2006-05 - 2005 Small Game, Upland Bird & Migratory Bird Harvest Projections  
Corey Huxoll

2005 NONRESIDENT WATERFOWL HUNTING DISTRIBUTION - Where Hunted by County						
COUNTY	DUCKS	CANADAS	SNOWS	WHTFRNT	TOTALS	PERCENT
7	8	3	1	1	13	0.9%
12	44	13	6	5	68	4.6%
17	10	10	4	2	26	1.8%
19	3	2	3	0	8	0.5%
62	5	5	3	2	15	1.0%
00A = 8.8% 7.1% 12.1% 12.7% 8.8%						
1	1	2	0	1	4	0.3%
4	6	1	1	0	8	0.5%
6	14	6	3	2	25	1.7%
8	2	1	0	0	3	0.2%
10	9	5	2	2	18	1.2%
25	4	2	1	1	8	0.5%
33	3	0	0	0	3	0.2%
34	1	0	0	0	1	0.1%
37	1	0	0	0	1	0.1%
40	3	1	0	0	4	0.3%
42	29	19	7	2	57	3.9%
43	6	5	1	1	13	0.9%
44	0	1	0	0	1	0.1%
46	2	0	1	0	3	0.2%
51	9	4	3	0	16	1.1%
52	2	1	0	0	3	0.2%
56	1	0	0	0	1	0.1%
SE = 11.7% 10.4% 13.6% 11.4% 11.6%						
3	92	29	23	10	154	10.4%
5	26	10	5	4	45	3.0%
18	70	48	17	6	141	9.5%
22	161	71	14	10	256	17.3%
23	13	7	2	0	22	1.5%
26	20	10	8	4	42	2.8%
28	4	4	3	3	14	0.9%
29	2	1	0	0	3	0.2%
32	14	9	2	2	27	1.8%
47	26	13	2	0	41	2.8%
48	64	36	4	3	107	7.2%
55	62	50	5	5	122	8.3%
57	11	6	4	3	24	1.6%
00Y = 71.1% 63.5% 63.6% 63.3% 67.3%						
13	15	6	1	1	23	1.6%
14	1	1	0	0	2	0.1%
16	6	2	0	0	8	0.5%
24	0	1	0	0	1	0.1%
30	1	0	0	0	1	0.1%
36	13	25	5	2	45	3.0%
45	8	10	2	2	22	1.5%
54	5	2	1	0	8	0.5%
58	5	19	2	0	26	1.8%
59	6	7	2	2	17	1.2%
63	2	0	0	1	3	0.2%
00X = 7.8% 15.8% 9.3% 10.1% 10.6%						
2	1	1	0	0	2	0.1%
11	4	8	1	1	14	0.9%
31	0	1	0	0	1	0.1%
35	0	1	0	0	1	0.1%
41	0	1	0	0	1	0.1%
50	0	2	1	1	4	0.3%
60	0	1	0	0	1	0.1%
WEST = 0.6% 3.2% 1.4% 2.5% 1.7%						
TOTALS:	795	463	140	79	1,477	100.0%
Last updated: 15 June 06						

## **TUNDRA SWAN**

The 2005 tundra swan season was open from 1 October - 18 December in the following counties: Campbell, Walworth, Potter, Sully, Hughes, Hyde, Hand, Faulk, Spink, McPherson, Edmunds, Brown, Marshall, Roberts, Day, Grant, Codington, Clark, Hamlin, Deuel, Beadle, Kingsbury, Brookings, Buffalo, Jerauld, Brule, Aurora, Sanborn, Miner, Lake, Moody, Davison, Hanson, McCook, and Minnehaha. Harvest surveys were sent to all resident and nonresident hunters. Resident and nonresidents could purchase up to two licenses. To hunt swans, residents were required to hold a small game, 1-day small game, adult or junior combination, or youth small game license plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp. In addition, all hunters needed to apply for and receive a lottery-issued tundra swan license.

In 2005, there were 1,300 licenses available for the tundra swan season (1,100 residents, 200 nonresidents). A total of 811 licenses were sold (637 residents, 174 nonresidents). Eighty-three hunters purchased two licenses each. All licensed swan hunters were surveyed and the survey response rate was 88.6%. Approximately 28% of responding hunters used the Internet response system.

From the survey responses, there were a projected 120 swans harvested (not including cripples) during the 2005 season. There were a projected 19 birds crippled during the season. When asked their satisfaction on the season, (1 being most satisfied, 7 being least satisfied), swan hunters reported an average satisfaction rating of 3.38 (3.32 residents, 3.57 nonresidents). From those who responded, 26% indicated they did not hunt for swans. Of the hunters who participated in the season, residents hunted an average of 4.90 days while nonresidents hunted 5.21 days. The average days hunted by all licenseholders (3.67 days) projected to a total of 2,976 recreation days for the season.

### Comparison of the 1997 - 2005 Tundra Swan seasons

Year	Licenses Sold			Harvest (w/o cripples)	Avg Days Hunted	Percent Success	Average Satisfaction
	Resident	Nonres	Total				
1997	958	119	1,077	403	2.98	37%	NA
1998	1,096	120	1,216	181	3.62	15%	3.56
1999	743	120	863	248	4.05	26%	3.46
2000	728	121	849	159	4.04	19%	3.17
2001	808	175	983	337	3.61	34%	3.01
2002	885	175	1,060	193	3.24	19%	3.28
2003	806	196	1,002	41	3.21	4%	3.93
2004	619	201	820	134	3.58	16%	3.39
2005	637	174	811	120	3.67	15%	3.38

### 2005 Tundra Swan Harvest Projections

Last Revised: 13 June 06		Licenses														
		Resident			Nonresident			Response Rate	Unit Success	Harvest Projections				Total Harvest	Ave. Days Hunted	Ave. Satis- faction
Unit/Type	App. 1st Choice *	Available	Sold	App. 1st Choice *	Available	Sold	Cripples **			Adults	Juvnles	Unk.				
00A-81	247	1,100	637	114	200	174	88.6%	15%	19	111	8	1	120	3.67	3.38	

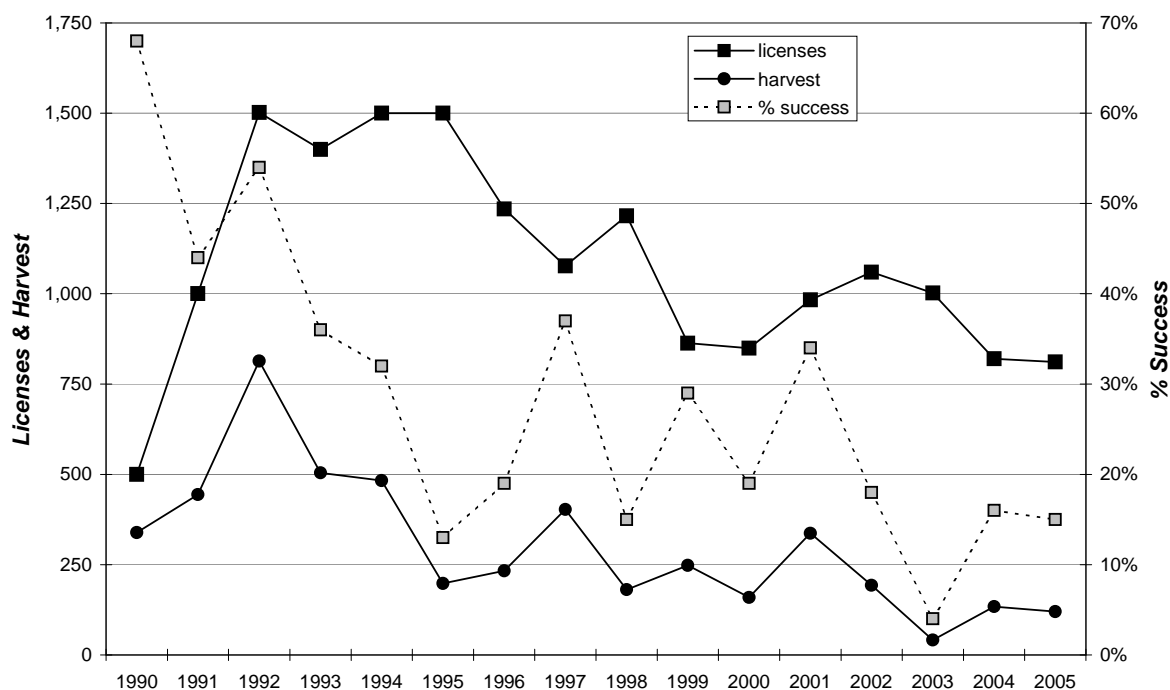
\* Number of 1st drawing applicants with that season as 1st choice.  
For those responding, 26.7% said they did not hunt.  
\*\* Cripple estimate not included in Total Harvest Estimate.  
Satisfaction is based on scale with 1=very satisfied and 7=very dissatisfied.

Reported Swan Harvest Distribution by Date for 2005								
Month	Day	Rpt'd Harvest Number	% of Total Rpt Harvest	Month	Day	Rpt'd Harvest Number	% of Total Rpt Harvest	
October	7	1	0.91%	November	13	2	1.82%	
	8	0			14	0		
	9	0			15	1	0.91%	
	10	0			16	2	1.82%	
	11	0			17	0		
	12	0			18	0		
	13	0			19	3	2.73%	
	14	0			20	0		
	15	3	2.73%		21	0		
	16	0			22	1	0.91%	
	17	1	0.91%		23	0		
	18	0			24	0		
	19	1	0.91%		25	0		
	20	2	1.82%		26	2	1.82%	
	21	1	0.91%		27	0		
	22	6	5.45%		28	1	0.91%	
	23	4	3.64%		29	0		
	24	2	1.82%		30	0		
	25	1	0.91%	December	1	0		
	26	4	3.64%		2	0		
	27	2	1.82%		3	0		
	28	8	7.27%		4	0		
	29	3	2.73%		5	0		
	30	5	4.55%		6	0		
	31	3	2.73%		7	0		
	November	1	5		4.55%	8	0	
		2	6		5.45%	9	0	
		3	1		0.91%	10	0	
		4	4	3.64%	11	0		
		5	4	3.64%	12	0		
		6	2	1.82%	13	0		
7		1	0.91%	14	0			
8		3	2.73%	15	0			
9		3	2.73%	16	0			
10		2	1.82%	17	0			
11		2	1.82%	18	0			
12		4	3.64%					
October Subtotal:			47	42.73%				
November Subtotal:			49	44.55%				
December Subtotal:			0	0.00%				
Unknown:			14	12.73%				
TOTAL REPORTED:			110					
Last updated: 13 June 06								

## 2005 Tundra Swan Harvest Summary By Residency

HARVEST SUMMARY						DISTRIBUTION OF REPORTED HARVEST BY COUNTY							
Residency	# License Holders	# Did Not Hunt	Ave. Days Hunted (if hunted)	Satisfaction	Success (not incl. Cripples)	Residents				Nonresidents			
						County	# Killed	% of Res. Kill	% of Total Kill	County	# Killed	% of Nonres. Kill	% of Total Kill
Resident	637	173 (27.2%)	4.90	3.32	15.1%	Brown	31	36.9%	29.2%	Brown	6	27.3%	5.7%
NonRes.	174	16 (9.2%)	5.21	3.57	13.8%	Codington	4	4.8%	4.8%	Codington	1	4.5%	0.9%
						Brule	1	1.2%	1.2%	Brule	0		
						Campbell	3	3.6%	3.6%	Campbell	0		
						Clark	6	7.1%	7.1%	Clark	1	4.5%	0.9%
						Day	8	9.5%	9.5%	Day	5	22.7%	4.7%
						Edmunds	7	8.3%	8.3%	Edmunds	3	13.6%	2.8%
						McPherson	21	25.0%	25.0%	McPherson	2	9.1%	1.9%
						Marshall	2	2.4%	2.4%	Marshall	2	9.1%	1.9%
						Roberts	0			Roberts	1	4.5%	0.9%
						Walworth	1	1.2%	1.2%	Walworth	1	4.5%	0.9%
						<b>Total</b>	<b>84</b>	<b>100.0%</b>	<b>79.2%</b>	<b>Total</b>	<b>22</b>	<b>100.0%</b>	<b>20.8%</b>

## TUNDRA SWAN HARVEST, 1990-2005





## **DUCKS (all species)**

The 2005 duck season was open 24 September 2005 - 1 January 2006 statewide, although some units/zones may have opened later and/or closed sooner. Harvest surveys were sent to both resident and nonresident hunters. The daily bag was 6 ducks, which could include no more than 5 mallards of which no more than 2 hens, 2 scaup, 2 redheads, 2 wood ducks, 1 canvasback and 1 pintail. The daily limit on mergansers was 5, which could include no more than 1 hooded merganser, and the daily limit on coots was 15. Possession was twice the daily bag for all species, not to exceed 12 ducks total. To hunt ducks, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp.

In 2005, there were an estimated 19,518 hunters who hunted at least one day for ducks (15,601 residents, 3,917 nonresidents). From the survey responses, there was a projected total of 222,633 ducks harvested (180,192 by residents, 42,441 by nonresidents) during the 2005 season. Nonresidents harvested 11.1% of their ducks within 20 miles of the Missouri River. Average bag for residents was 11.55, 11.63 for nonresidents with the 10-day license, and 7.01 for nonresidents with the 3-day license.

When asked their satisfaction on the season, (1 being most satisfied, 7 being most dissatisfied), duck hunters reported an average satisfaction rating of 3.34 for residents and 3.10 for nonresidents.

The average days hunted by all hunters (6.73 residents, 4.92 10-day nonresidents, and 2.70 3-day nonresidents) projected to a total of 122,771 recreation days for the season.

### Comparison of the 2000 - 2005 duck harvest

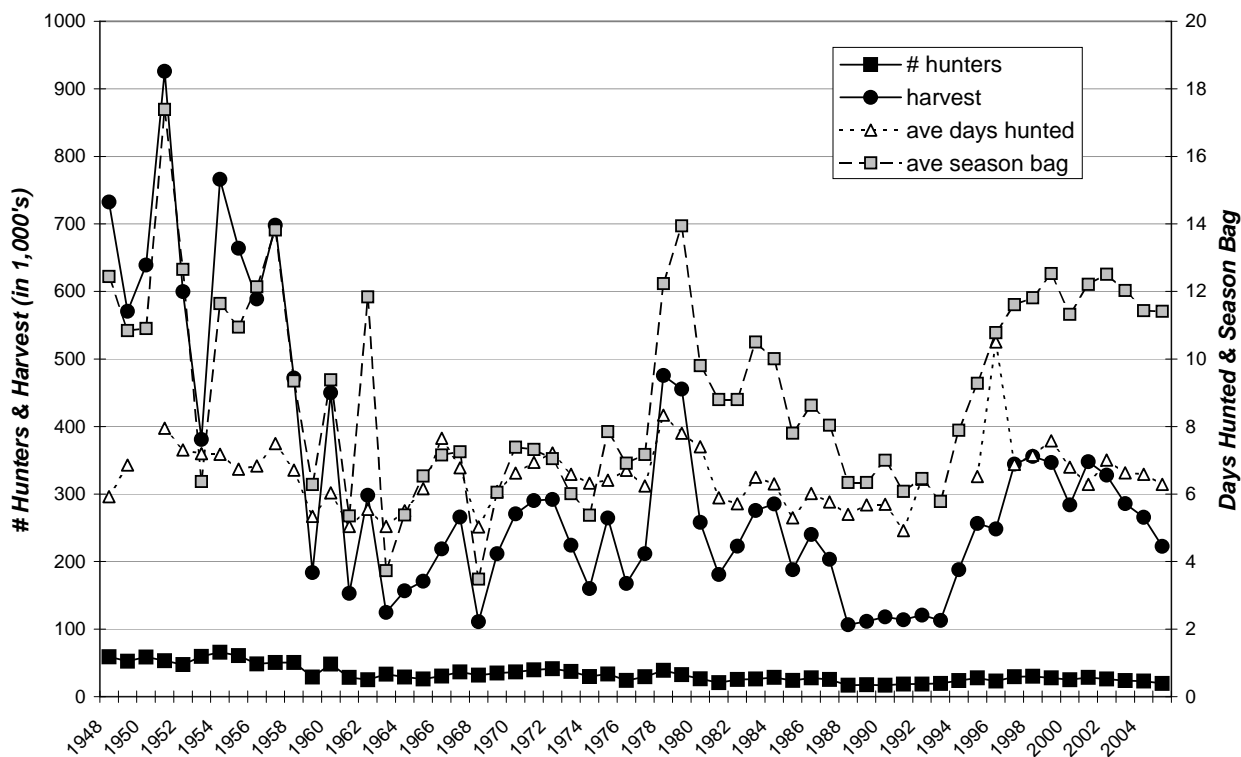
Year	Resident Hunters					Nonresident Hunters				
	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction
1999	26,172	334,478	8.06	12.78	3.52	3,288	41,917	4.59	10.95	3.22
2000	21,257	242,117	7.28	11.39	3.51	3,551	38,812	4.43	10.93	3.15
2001	24,554	300,787	7.47	12.25	3.23	3,911	47,148	4.62	12.16	2.79
2002	22,085	284,897	7.51	12.90	3.36	4,139	43,162	4.35	10.43	2.99
2003	19,640	241,376	7.11	12.29	3.14	4,132	44,563	4.33	10.78	2.93
2004	19,179	223,435	7.08	11.65	3.67	4,049	42,074	4.26	10.39	3.40
2005	15,601	180,192	6.73	11.55	3.34	3,917	42,441	4.54	10.84	3.10

## **DUCK HARVEST PROJECTIONS FOR 2005**

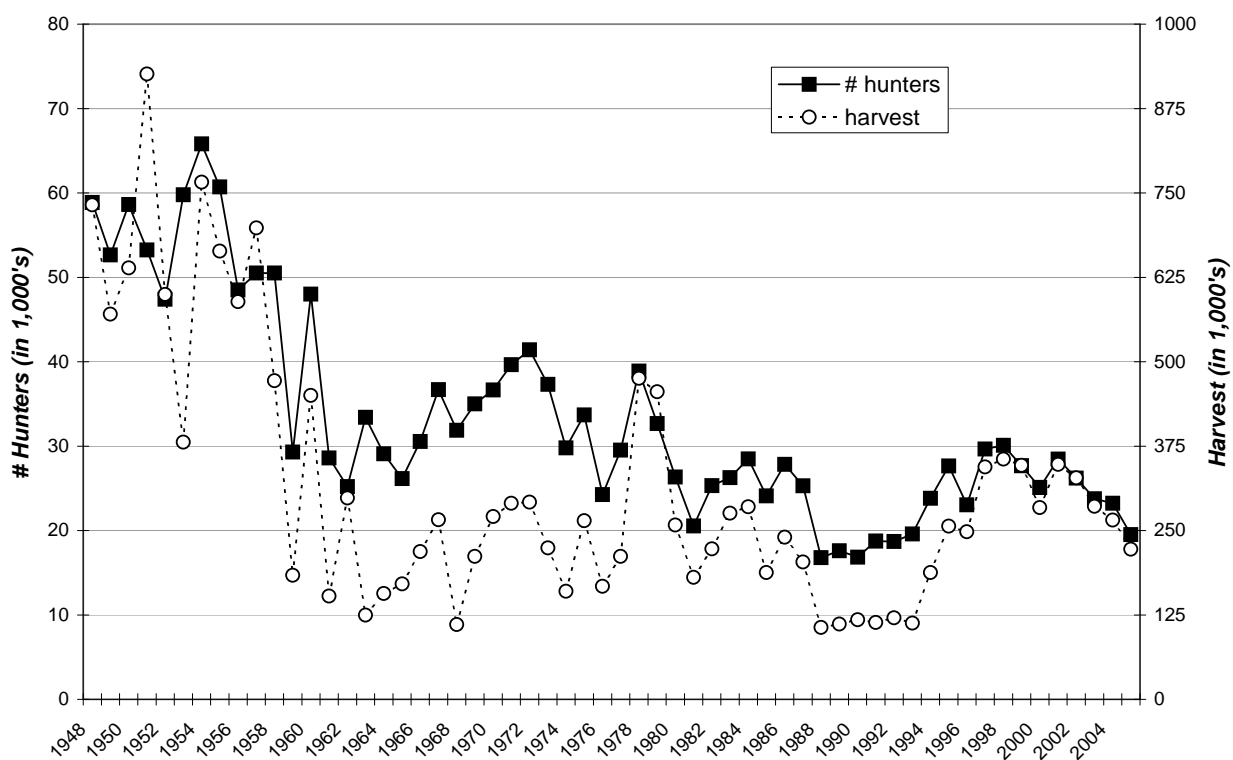
Last Revised: 14 June 06

	Resident	Non Residents
No. Resident Hunters Reporting Duck Days	949	-
Total Reported Duck Hunted Days	6,389	-
<b>Average Days Hunted Ducks</b>	<b>6.73</b>	-
Total Reported Ducks Bagged	10,960	-
<b>Average Duck Bag for Season</b>	<b>11.55</b>	-
<b>Projected Days Duck Hunting</b>	<b>104,995</b>	-
<b>Projected No. Duck Hunters</b>	<b>15,601</b>	-
<b>Projected Duck Bag</b>	<b>180,192</b>	-
<b><i>TOTAL RESIDENT DUCK HARVEST = 180,192</i></b>		
<b>Nonresident 10-day Licenses</b>		
No. Hunters Reporting Duck Days	-	707
Total Reported Duck Hunted Days	-	3,475
<b>Average Days Hunted Ducks</b>	-	<b>4.92</b>
Total Reported Ducks Bagged	-	8,221
<b>Average Duck Bag for Season</b>	-	<b>11.63</b>
<b>Projected Days Duck Hunting</b>	-	<b>15,956</b>
<b>Projected No. Duck Hunters</b>	-	<b>3,243</b>
<b>Projected Duck Bag</b>	-	<b>37,716</b>
Duck Harvest Reported Within 20 Miles of Missouri River	-	968
<b>Projected Ducks Bagged w/in 20 miles of Missouri River</b>	-	<b>4,441</b>
<b>Nonresident 3-day Licenses</b>		
No. Hunters Reporting Duck Days	-	143
Total Reported Duck Hunted Days	-	386
<b>Average Days Hunted Ducks</b>	-	<b>2.70</b>
Total Reported Ducks Bagged	-	1,003
<b>Average Duck Bag for Season</b>	-	<b>7.01</b>
<b>Projected Days Duck Hunting</b>	-	<b>1,820</b>
<b>Projected No. Duck Hunters</b>	-	<b>674</b>
<b>Projected Duck Bag</b>	-	<b>4,725</b>
Duck Harvest Reported Within 20 Miles of Missouri River	-	53
<b>Projected Ducks Bagged w/in 20 miles of Missouri River</b>	-	<b>250</b>
<b><i>TOTAL NONRESIDENT DUCK HARVEST = 42,441</i></b>		
<b><i>TOTAL DUCK HARVEST = 222,633</i></b>		

### STATEWIDE DUCK (all species) HARVEST, 1948-2005



### STATEWIDE DUCK SEASON PARTICIPATION, 1948-2005



## **CANADA GEESE (all seasons)**

Information provided in this section pertains to the entire Canada goose harvest in South Dakota and combines information from all seasons. The next two sections report only on the Early Fall (September) and Special seasons.

The 2005 Canada goose season was open from 3 September 2005 - 24 January 2005 statewide, although some units may have opened later and/or closed sooner. Harvest surveys were sent to both resident and nonresident hunters. The daily bag was 5 geese prior to 24 September; after then it was 3 geese except in those portions of Grant and Roberts counties east of SD 15 and north of SD 20 where the daily limit was 2 geese beginning Dec. 1. Possession was twice the daily bag. Resident hunters were separately licensed for two Special Canada goose units in Bennett County, which varied by season dates. To hunt geese, residents were required to hold small game, 1-day small game, adult or junior combination or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp. Special Canada goose season hunters were required to apply for and receive Special Canada goose season licenses.

In 2005, there were a projected 17,631 hunters who hunted at least one day for Canada geese (15,288 residents, 2,343 nonresidents). From the survey responses, there was a projected total of 97,970 Canada geese harvested (83,167 by residents, 4,803 by nonresidents). Average Canada goose bag for residents was 5.44, for nonresidents 2.05.

When asked their satisfaction on the season, (1 being most satisfied, 7 being least satisfied), Canada goose hunters reported an average rating of 3.35 for residents and 3.03 for nonresidents. The average days hunted by all hunters (6.53 residents, 3.84 nonresidents) projected to a total of 108,828 recreation days for the season. Over half of residents and nonresidents reported hunting primarily on private land.

Comparison of the 2000 - 2005 Canada goose harvests:

<b>Year</b>	<b>Resident Hunters</b>					<b>Nonresident Hunters</b>				
	<b>Number Hunters</b>	<b>Harvest</b>	<b>Ave Day Hunted</b>	<b>Ave Bag</b>	<b>Satisfaction</b>	<b>Number Hunters</b>	<b>Harvest</b>	<b>Ave Day Hunted</b>	<b>Ave Bag</b>	<b>Satisfaction</b>
2000	21,863	132,053	7.50	6.04	3.42	2,493	7,130	3.89	2.86	3.15
2001	25,375	142,608	7.51	5.62	3.28	2,499	6,422	4.09	2.57	2.84
2002	22,484	125,236	7.66	5.57	3.41	2,959	7,279	3.75	2.46	3.06
2003	21,860	135,751	7.16	6.21	3.11	3,110	9,050	3.56	2.91	2.82
2004	19,365	100,504	6.98	5.19	3.61	2,481	5,185	3.82	2.09	3.33
2005	15,288	83,167	6.53	5.44	3.35	2,343	4,803	3.84	2.05	3.03

## CANADA GOOSE HARVEST PROJECTIONS FOR 2005

Last Revised: 14 June 06

	Resident	Non Residents
No. Hunters Reporting Goose Days	1,017	526
<b>Projected No. Goose Hunters</b>	<b>16,719</b>	<b>2,426</b>
Geese Reported w/i 20 miles of Missouri River	1,028	387
<b>Projected Geese Bagged w/in 20 miles of Missouri River</b>	<b>16,899</b>	<b>1,785</b>
<b>TOTAL GOOSE HUNTERS = 19,145</b>		

### All Seasons:

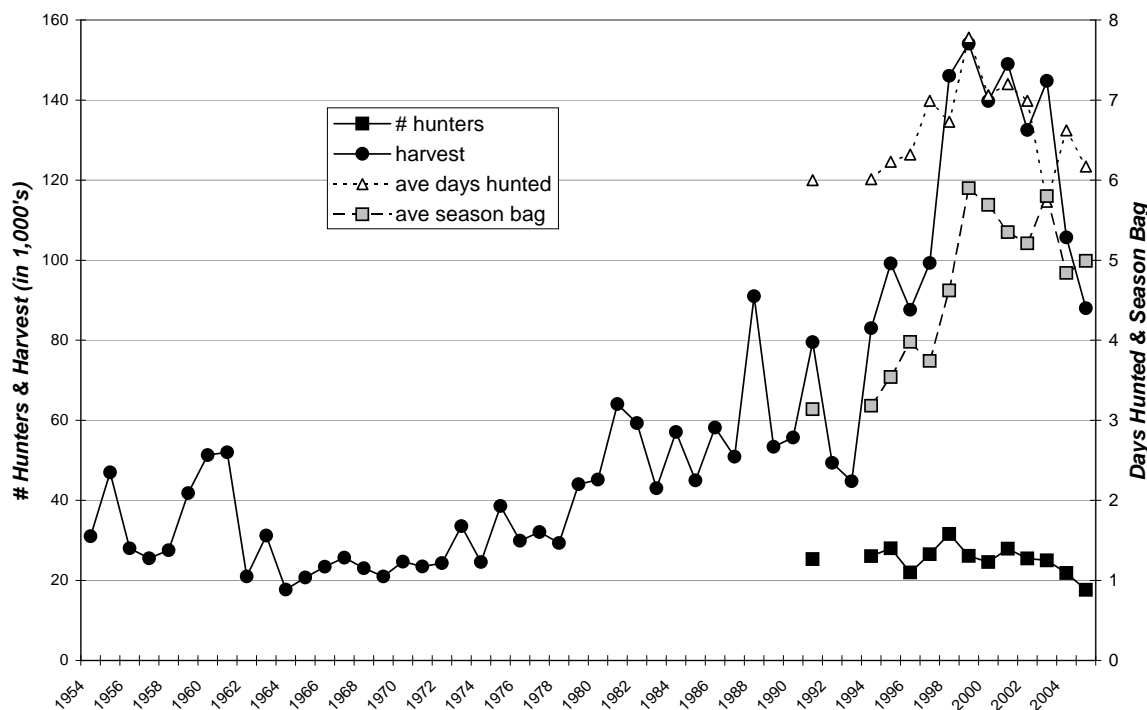
No. Hunters Reporting Canada Goose Days	930	508
Total Reported Canada Goose Hunted Days	6,073	1,950
<b>Average Days Hunted Canada Geese</b>	<b>6.53</b>	<b>3.84</b>
Total Reported Canada Geese Bagged	5,057	1,043
<b>Average Canada Goose Bag for Season</b>	<b>5.44</b>	<b>2.05</b>
<b>Projected Days Canada Goose Hunting</b>	<b>99,831</b>	<b>8,997</b>
<b>Projected No. Canada Goose Hunters</b>	<b>15,288</b>	<b>2,343</b>
<b>Projected Canada Goose Bag</b>	<b>83,167</b>	<b>4,803</b>
<b>TOTAL CANADA GOOSE HARVEST = 87,970</b>		

Canada Goose Hunter Reported Public Land Type Use	471	255
<b>Canada Goose Hunter Projected Public Land Type Use *</b>	<b>7,743</b>	<b>1,176</b>
Canada Goose Hunter Reported Private Land Type Use	699	416
<b>Canada Goose Hunter Projected Private Land Type Use *</b>	<b>11,491</b>	<b>1,919</b>
Canada Goose Hunter Reported Walk-In Land Type Use	209	108
<b>Canada Goose Hunter Projected Walk-In Land Type Use *</b>	<b>3,436</b>	<b>498</b>
Canada Goose Hunter Reported Commercial Land Type Use	12	10
<b>Canada Goose Hunter Projected Commercial Land Type Use *</b>	<b>197</b>	<b>46</b>
<b>Canada Goose Hunter Mean Satisfaction Score *1*</b>	<b>3.35</b>	<b>3.03</b>

\* Total may be greater than total licenses because hunters reported using more than one land type during season

\*1\* Based on scale of 1-7 with 1=very satisfied & 7=very dissatisfied

### STATEWIDE CANADA GOOSE (all seasons) HARVEST, 1954-2005



## **EARLY FALL CANADA GOOSE**

The 2005 Early Fall Canada goose season was open from 3-11 September in Campbell, Walworth, McPherson, Edmunds, Faulk, Brown, and Spink counties (Unit A), and from 3-23 September in Marshall, Roberts, Day, Grant, Clark, Codington, Hamlin, and Deuel counties (Unit B). It was also open from 10-23 September in all or portions of Beadle, Kingsbury, Brookings, Sanborn, Miner, Lake, Moody, McCook, Hanson, Turner, Lincoln, and Minnehaha counties (Unit C, residents only), and from 10-15 September in Union county (Unit D, residents only). The daily bag limit was 5 geese and possession was double the daily bag. To hunt geese, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp.

In 2005, there were 25,189 hunters licensed to hunt the Early Fall Canada goose season (24,862 residents, 327 nonresidents). About 12.2% (3,036) of the resident hunters and 86.2% (282) of the nonresident hunters were surveyed. The survey response rates were 76.4% for residents and 84.0% for nonresidents.

In 2005, there were a projected 680 hunters who hunted at least one day in Unit A (643 residents, 37 nonresidents), 2,932 who hunted at least one day in Unit B (2,895 residents, 37 nonresidents), 1,833 residents who hunted at least one day in Unit C, and 43 residents who hunted at least one day in Unit D. From the survey responses, there were a projected 2,406 Canada geese harvested in Unit A, 14,065 in Unit B, 4,931 in Unit C and 86 in Unit D.

The average days hunted by all hunters projected to a total of 17,648 recreation days for the season. Hunter reports indicated 20% of hunting occurred on public land, 74% on private land, and 6% on walk-in-areas.

Prior to 1999, it was not possible to draw a sample from the current year's hunters due to the license system structure. Since then, hunters from the current year's database have been surveyed. This change in license structure improved the accuracy in estimating the number of hunters and harvest. Consequently, comparisons between numbers generated from different license structures may be misleading due to basic procedural differences.

Comparison of the 1997 - 2005 Early Fall Canada goose harvests:

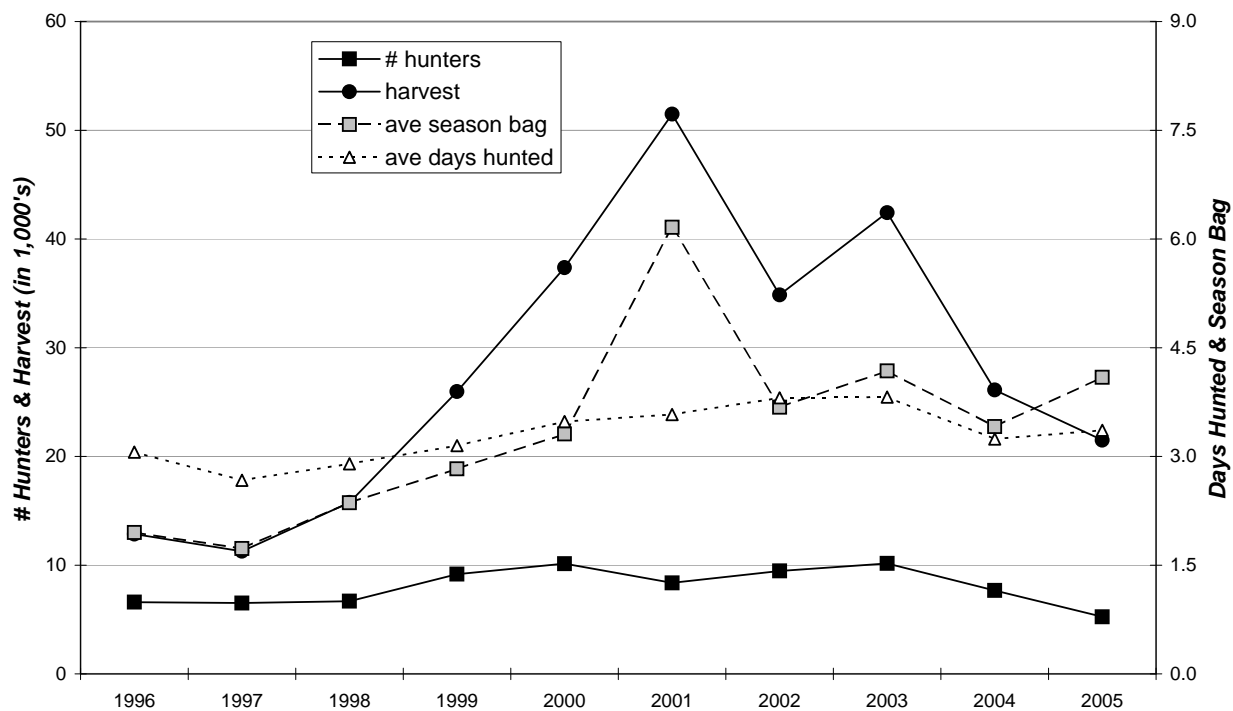
<b>Year</b>	<b>Number Hunters</b>	<b>Harvest</b>	<b>Average Days Hunted</b>	<b>Average Season Bag</b>
1997	6,506	11,281	2.67	1.73
1998	6,682	15,768	2.90	2.36
1999	9,173	25,960	3.15	2.83
2000	10,142	37,365	3.83	3.68
2001	8,358	51,491	3.58	6.16
2002	9,459	34,831	3.80	3.68
2003	10,152	42,417	3.82	4.18
2004	7,662	26,113	3.24	3.41
2005	5,538	21,488	3.19	3.88

## EARLY FALL CANADA GOOSE HARVEST PROJECTIONS FOR 2005

Last Revised: 10 Jan 06

	Resident	Non Residents
<b>EARLY FALL CANADA GOOSE SEASON Licenses Sold *1*</b>	<b>24,862</b>	<b>327</b>
Number Sampled by Survey	3,036	282
Number Responded to Survey	2,319	237
Responded and Participated in Season	<b>465</b>	<b>191</b>
Responded but DID NOT HUNT	1,854	46
<b>Survey Response Rate</b>	<b>76.4%</b>	<b>84.0%</b>
<b>3 - 11 Sept. Season, Unit A:</b>		
No. Hunters Reporting Canada Goose Days	60	27
Total Reported Canada Goose Hunted Days	153	33
<b>Average Days Hunted Canada Geese</b>	<b>2.55</b>	<b>1.22</b>
Total Reported Canada Geese Bagged	206	147
<b>Average Canada Goose Bag for Season</b>	<b>3.43</b>	<b>5.44</b>
<b>Projected Days Canada Goose Hunting</b>	<b>1,640</b>	<b>45</b>
<b>Projected No. Canada Goose Hunters</b>	<b>643</b>	<b>37</b>
<b>Projected Canada Goose Bag</b>	<b>2,205</b>	<b>201</b>
<b>3 - 23 Sept. Season, Unit B:</b>		
No. Hunters Reporting Canada Goose Days	270	27
Total Reported Canada Goose Hunted Days	976	164
<b>Average Days Hunted Canada Geese</b>	<b>3.61</b>	<b>6.07</b>
Total Reported Canada Geese Bagged	1,198	884
<b>Average Canada Goose Bag for Season</b>	<b>4.44</b>	<b>32.74</b>
<b>Projected Days Canada Goose Hunting</b>	<b>10,451</b>	<b>225</b>
<b>Projected No. Canada Goose Hunters</b>	<b>2,895</b>	<b>37</b>
<b>Projected Canada Goose Bag</b>	<b>12,854</b>	<b>1,211</b>
<b>10 - 23 Sept. Season, Unit C:</b>		
No. Hunters Reporting Canada Goose Days	171	-
Total Reported Canada Goose Hunted Days	482	-
<b>Average Days Hunted Canada Geese</b>	<b>2.82</b>	-
Total Reported Canada Geese Bagged	460	-
<b>Average Canada Goose Bag for Season</b>	<b>2.69</b>	-
<b>Projected Days Canada Goose Hunting</b>	<b>5,169</b>	-
<b>Projected No. Canada Goose Hunters</b>	<b>1,833</b>	-
<b>Projected Canada Goose Bag</b>	<b>4,931</b>	-
<b>10 - 15 Sept. Season, Unit D:</b>		
No. Hunters Reporting Canada Goose Days	4	-
Total Reported Canada Goose Hunted Days	11	-
<b>Average Days Hunted Canada Geese</b>	<b>2.75</b>	-
Total Reported Canada Geese Bagged	8	-
<b>Average Canada Goose Bag for Season</b>	<b>2.00</b>	-
<b>Projected Days Canada Goose Hunting</b>	<b>118</b>	-
<b>Projected No. Canada Goose Hunters</b>	<b>43</b>	-
<b>Projected Canada Goose Bag</b>	<b>86</b>	-
<b>TOTAL CANADA GOOSE HARVEST EARLY FALL SEASON = 21,488</b>		
Early Fall Canada Hunter Reported Public Land Type Use	116	28
<b>Early Fall Canada Hunter Projected Public Land Type Use *</b>	<b>1,244</b>	<b>39</b>
Early Fall Canada Hunter Reported Private Land Type Use	375	162
<b>Early Fall Canada Hunter Projected Private Land Type Use *</b>	<b>4,020</b>	<b>224</b>
Early Fall Canada Hunter Reported Walk-In Land Type Use	35	12
<b>Early Fall Canada Hunter Projected Walk-In Land Type Use *</b>	<b>375</b>	<b>17</b>
<b>Canada Goose Hunter Mean Satisfaction Score *2*</b>	<b>3.21</b>	<b>2.92</b>
* Total may be greater than total licenses because hunters reported using more than one land type during season		
*1* For residents: number of licenses based on # Migratory Bird Stamps in the 2005 GF82 database issued through 23 Sept		
For nonresidents: number of Nonresident Waterfowl licenses sold in GF79		
*2* Based on a scale of 1-7 with 1=very satisfied & 7=very dissatisfied		

### EARLY FALL CANADA GOOSE HARVEST, 1996-2005





## **SPECIAL CANADA GOOSE**

The 2005 Special Unit Canada goose season was open various periods from 22 October to 18 December 2005 in Bennett County. All goose bag limits applied. To hunt this resident-only season, hunters were required to hold small game, 1-day small game, adult or junior combination or youth small game licenses plus a migratory bird certification, and for those hunters age 16 and over, a federal waterfowl stamp. Additionally, hunters must have applied for and received a Special Canada goose tag for a specific unit.

In 2005, there were 797 residents licensed to hunt the Special Canada goose season. Approximately 50% (399) of license holders were surveyed and the survey response rate was 87.0%. Approximately 22% of responding hunters used the Internet response system.

There were a projected 480 hunters who hunted at least one day during the Special Canada goose season. From the survey responses, there were an estimated 884 Canada geese harvested and 78 crippled; the average Canada goose bag was 1.11. When asked their satisfaction on the season, (1 being most satisfied, 7 being least satisfied), Special Season hunters reported an average rating of 1.78.

### **2005 Special Canada Goose Unit Harvest Projections**

Last Revised:  
14-Jun-06

		Licenses					Unit/Subunit Success		Harvest Projections		Average	Mean
		Residents									Days	Satisfctn
County	Type Description	Unit/Type	Appl. 1st Choice *	Available	Sold	Resp. Rate	Per License	Per Tag	Total Crippled	Total Harvested		Score
Bennett	3 Geese	11A-38	349	300	300	83%	# 86%	29%	22	257	0.98	1.48
Bennett	3 Geese	11B-38	406	500	497	89%	100+%	42%	56	622	1.26	1.95
<b>Total Licenses</b>			<b>755</b>	<b>800</b>	<b>797</b>	<b>87.0%</b>	<b>100+%</b>	<b>-</b>	<b>78</b>	<b>884</b>	<b>1.16</b>	<b>1.78</b>
<b>Total Tags</b>				<b>2,400</b>	<b>2,391</b>							

# Harvest projections were developed for units where response rate was less than 85% and may not be within +/- 15% of the sample statistic.

## **LIGHT GEESE (regular season)**

Information provided in this section pertains only to the regular light goose season in South Dakota. The next section reports on the Spring Conservation order.

The 2005 light goose season covered 24 September - 18 December statewide and included snow, blue, and Ross' geese. The daily bag was 20 geese with an unlimited season possession limit. To hunt geese, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp.

In 2005, there were an estimated 6,693 hunters who hunted at least one day for light geese during the regular season (5,984 residents, 709 nonresidents). Harvest surveys were sent to both resident and nonresident hunters. From survey responses, there was a projected harvest of 67,244 light geese (65,465 by residents, 1,779 by nonresidents) during the 2005 regular season.

When asked their satisfaction on the season, (1 being most satisfied, 7 being least satisfied), those respondents who reported hunting at least one day for light geese reported an average rating of 3.34 for residents and 3.21 for nonresidents. The average days hunted by all hunters (5.59 residents, 4.55 for nonresidents) projected to a total of 36,680 recreation days for the season. Over 50% of residents and nonresidents reported hunting on private land.

Comparison of the 2000 - 2005 regular season light goose harvests:

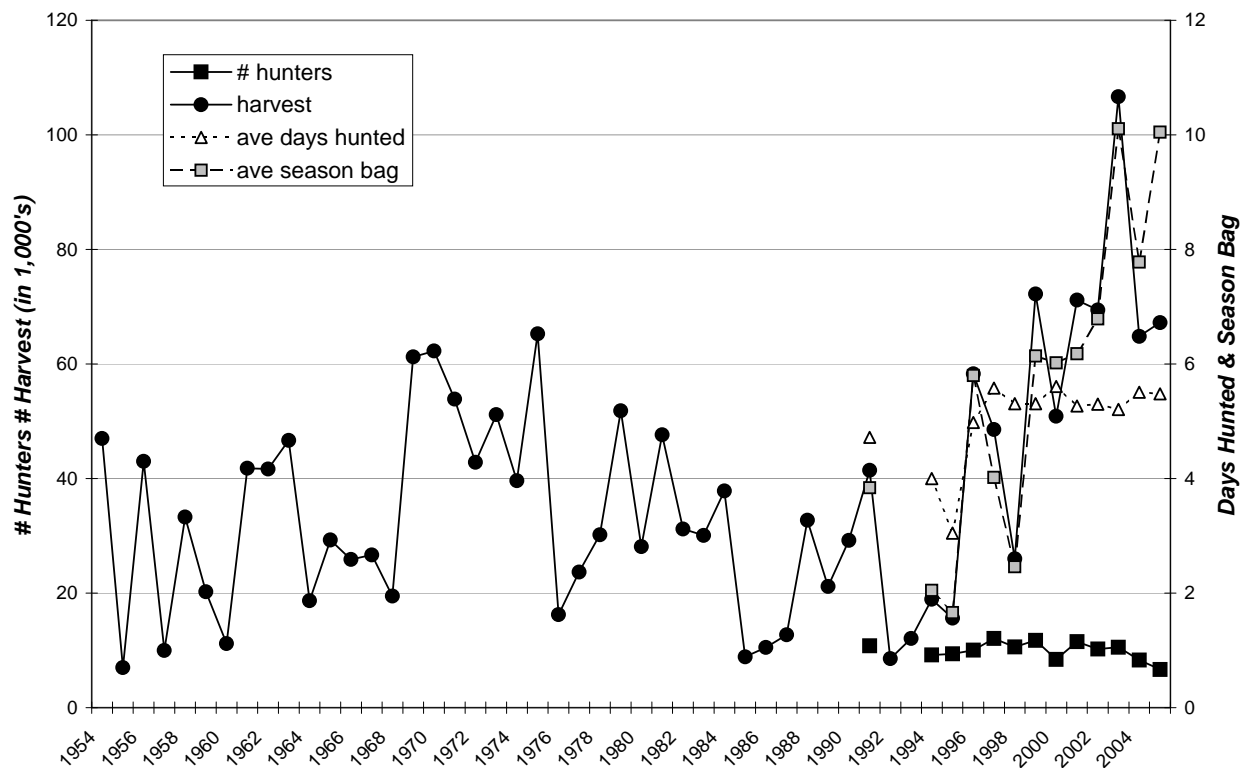
Year	<b>Resident Hunters</b>					<b>Nonresident Hunters</b>				
	<b>Number Hunters</b>	<b>Harvest</b>	<b>Ave Day Hunted</b>	<b>Ave Bag</b>	<b>Satis- faction</b>	<b>Number Hunters</b>	<b>Harvest</b>	<b>Ave Day Hunted</b>	<b>Ave Bag</b>	<b>Satis- faction</b>
2000	7,643	49,680	5.64	6.50	3.48	804	1,198	4.29	1.49	3.49
2001	10,429	68,519	5.43	6.57	3.04	1,090	2,645	3.71	2.42	2.83
2002	9,091	66,819	5.53	7.35	3.25	1,134	2,633	3.44	2.32	3.14
2003	9,360	102,211	5.40	10.92	2.98	1,195	4,464	3.76	3.74	2.71
2004	7,471	64,848	5.68	8.68	3.65	861	1,898	4.00	2.20	3.55
2005	5,984	65,465	5.59	10.94	3.34	709	1,779	4.55	2.51	3.21

## **REGULAR LIGHT GOOSE HARVEST PROJECTIONS FOR 2005**

Last Revised: 14 June 06

	Resident	Non Residents
<b>Residents, Regular Season:</b>		
No. Hunters Reporting Light Goose Days	364	-
Total Reported Light Goose Hunted Days	2,035	-
<b>Average Days Hunted Light Geese</b>	<b>5.59</b>	-
Total Reported Light Geese Bagged	3,983	-
<b>Average Light Goose Bag for Season</b>	<b>10.94</b>	-
<b>Projected Days Light Goose Hunting</b>	<b>33,451</b>	-
<b>Projected No. Light Goose Hunters</b>	<b>5,984</b>	-
<b>Projected Light Goose Bag</b>	<b>65,465</b>	-
<b>TOTAL RESIDENT LIGHT GOOSE HARVEST REGULAR SEASON = 65,465</b>		
<b>Nonresident 10-day Licenses</b>		
No. Hunters Reporting Light Goose Days	-	130
Total Reported Light Goose Hunted Days	-	636
<b>Average Days Hunted Light Geese</b>	-	<b>4.89</b>
Total Reported Light Geese Bagged	-	361
<b>Average Light Goose Bag for Season</b>	-	<b>2.78</b>
<b>Projected Days Light Goose Hunting</b>	-	<b>2,914</b>
<b>Projected No. Light Goose Hunters</b>	-	<b>596</b>
<b>Projected Light Goose Bag</b>	-	<b>1,657</b>
<b>Nonresident 3-day Licenses</b>		
No. Hunters Reporting Light Goose Days	-	24
Total Reported Light Goose Hunted Days	-	67
<b>Average Days Hunted Light Geese</b>	-	<b>2.79</b>
Total Reported Light Geese Bagged	-	26
<b>Average Light Goose Bag for Season</b>	-	<b>1.08</b>
<b>Projected Days Light Goose Hunting</b>	-	<b>315</b>
<b>Projected No. Light Goose Hunters</b>	-	<b>113</b>
<b>Projected Light Goose Bag</b>	-	<b>122</b>
<b>TOTAL NONRESIDENT LIGHT GOOSE HARVEST REGULAR SEASON = 1,779</b>		
<b>TOTAL LIGHT GOOSE HARVEST REGULAR SEASON = 67,244</b>		
Light Goose Hunter Reported Public Land Type Use	207	74
<b>Light Goose Hunter Projected Public Land Type Use *</b>	<b>3,403</b>	<b>341</b>
Light Goose Hunter Reported Private Land Type Use	281	126
<b>Light Goose Hunter Projected Private Land Type Use *</b>	<b>4,619</b>	<b>581</b>
Light Goose Hunter Reported Walk-In Land Type Use	84	34
<b>Light Goose Hunter Projected Walk-In Land Type Use *</b>	<b>1,381</b>	<b>157</b>
Light Goose Hunter Reported Commercial Land Type Use	5	2
<b>Light Goose Hunter Projected Commercial Land Type Use *</b>	<b>82</b>	<b>9</b>
<b>Light Goose Hunter Mean Satisfaction Score *1*</b>	<b>3.34</b>	<b>3.21</b>
* Total may be greater than total licenses because hunters reported using more than one land type during season		
*1* Based on scale of 1-7 with 1=very satisfied & 7=very dissatisfied		

### STATEWIDE REGULAR SEASON LIGHT GOOSE HARVEST, 1954-2005



## **LIGHT GEESE (Conservation Order)**

Information provided in this section pertains only to the Spring Light Goose Conservation Order in South Dakota. The previous section reported only on the regular season.

The 2005 Light Goose Conservation Order covered 1 February - 7 May statewide. This was the 7<sup>th</sup> year the conservation order was offered. The daily bag was 20 geese with an unlimited possession limit. To hunt light geese, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident Spring Light Goose or a nonresident Youth Spring Light Goose license. Hunters were not required to possess a federal waterfowl stamp to hunt during the conservation order.

Harvest surveys were sent to both resident and nonresident hunters. In 2004, there were a projected 6,753 licenseholders who hunted at least one day for light geese during the conservation order dates (4,136 residents, 2,617 nonresidents). From the survey responses, there were a projected total of 116,397 light geese harvested.

The average days hunted by all hunters projected to a total of 37,588 recreation days for the conservation order. The average season bag from hunters reporting use of electronic callers was 15.7 for residents and 12.7 for nonresidents. The average season bag for hunters reporting after sunset hunting was 8.7 for residents and 12.3 for nonresidents. Approximately 9.0% of resident hunters and 7.6% of nonresident hunters reached the daily bag limit at least once.

Comparison of the 1999 - 2005 Conservation Order light geese harvests:

Year	<i>Resident Hunters</i>			<i>Nonresident Hunters</i>		
	<i>Number Hunters</i>	<i>Harvest</i>	<i>Total Days Hunted</i>	<i>Number Hunters</i>	<i>Harvest</i>	<i>Total Days Hunted</i>
1999	7,059	80,856	40,487	1,571	14,257	4,678
2000	3,908	45,687	24,189	2,159	23,230	7,528
2001	4,172	31,913	18,180	2,063	22,462	7,309
2002	7,270	88,190	41,856	2,084	34,537	8,547
2003	3,546	43,898	22,823	1,739	26,184	8,198
2004	3,727	52,756	20,169	2,301	37,028	8,907
2005	4,136	71,545	26,427	2,617	44,852	11,161

## **CONS. ORDER LIGHT GOOSE HARVEST PROJECTIONS FOR 2005**

Last Revised: 15 June 06

	Resident	Non Residents
LATE SEASON (CONS. ORDER) Licenses Entered in Database *3*	9,837	2,762
LATE SEASON (CONS. ORDER) LIGHT GOOSE Licenses Sold *3*	12,019	2,762
Projected ACTIVE LATE SEASON LIGHT GOOSE HUNTERS	4,136	2,617
Number Sampled for Survey	3,137	578
Number Responded to Survey	2,557	418
Responded and Participated in Season	880	396
Responded but DID NOT HUNT	1,677	22
Survey Response Rate	81.5%	72.3%

### **TOTAL LIGHT GOOSE HARVEST CONSERVATION SEASON = 116,397**

Late Season (Conservation Order) 2/1 - 3/10 Period:		
No. Hunters Reporting Light Goose Days	582	141
Total Reported Light Goose Hunted Days	2,706	491
Average Days Hunted Light Geese	4.65	3.48
Total Reported Light Geese Bagged	6,956	2,256
Average Light Goose Bag for Season	11.95	16.00
Projected Days Light Goose Hunting	12,722	3,243
Projected No. Light Goose Hunters	2,736	932
Projected Light Goose Bag	32,695	14,912

### **TOTAL LIGHT GEESE HARVESTED 2/1 - 3/10 = 47,607**

Late Season (Conservation Order) 3/11 - 5/7 Period:		
No. Hunters Reporting Light Goose Days	595	312
Total Reported Light Goose Hunted Days 3/11-5/7	2,917	1,199
Average Days Hunted Light Geese 3/11-5/7	4.90	3.84
Total Reported Light Geese Bagged	8,262	4,529
Average Light Goose Bag for Season	13.89	14.52
Projected Days Light Goose Hunting	13,705	7,918
Projected No. Light Goose Hunters	2,797	2,062
Projected Light Goose Bag	38,850	29,940

### **TOTAL LIGHT GEESE HARVESTED 3/11 - 5/7 = 68,790**

Reported Number of Hunters Using Electronic Callers	164	203
Reported Harvest by Hunters Using Electronic Callers	2,571	2,569
Reported Number of Hunters Using Unplugged Shotguns	465	281
Reported Number of Hunters Hunting After Sunset	183	114
Reported Harvest by Hunters Hunting After Sunset	1,595	1,405
Projected Number of Hunters Using Electronic Callers	771	1,341
Average Season Bag for Hunters Using Electronic Callers	15.68	12.66
Projected Harvest by Hunters Using Electronic Callers	12,089	16,977
Projected Number of Hunters Using Unplugged Shotguns	2,186	1,857
Projected Number of Hunters Hunting After Sunset	860	753
Average Season Bag for Hunters Hunting After Sunset	8.72	12.32
Projected Harvest by Hunters Hunting After Sunset	7,499	9,277

\* Total may be greater than total licenses because hunters reported using more than one land type during season

\*1\* Based on scale of 1-7 with 1=very satisfied & 7=very dissatisfied

\*3\* Numbers of resident licenses available are based on the number of migratory bird certificates in the 2005 database purchased prior to April

## **WHITE-FRONTED GEESE**

The 2005 white-fronted goose season was open from 24 September - 18 December statewide. The daily bag was 1 goose; the season possession limit was twice the daily bag. To hunt white-fronted geese, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp.

Harvest surveys were sent to both resident and nonresident hunters. In 2005, there were a projected 1,617 hunters who hunted at least one day for white-fronted geese (1,216 residents, 401 nonresidents). From the survey responses, there was a projected total of 1,259 white-fronted geese harvested (1,167 by residents and 92 by nonresidents). Most respondents indicated that they hunted white-fronted geese on private land.

Comparison of the 1999 - 2005 white-fronted goose harvests:

Year	Resident Hunters				Nonresident Hunters			
	Number Hunters	Harvest	Ave Days Hunted	Ave Bag, Season	Number Hunters	Harvest	Ave Days Hunted	Ave Bag, Season
1999	1,080	2,192	n/a	2.03	58	263	n/a	4.54
2000	522	2,004	n/a	3.84	86	148	n/a	1.72
2001	2,156	1,833	7.13	0.85	564	243	4.33	0.43
2002	2,173	2,912	7.30	1.34	568	204	6.93	0.36
2003	2,580	2,890	5.77	1.12	624	349	4.27	0.56
2004	2,342	3,162	6.10	1.35	527	237	4.18	0.45
2005	1,216	1,167	6.45	0.96	401	92	5.23	0.23

NOTE: Previous to 2001, the definition of a white-fronted goose hunter was one who bagged 1+ white-front. Starting in 2001, the definition was changed to a hunter who spent 1+ days hunting white-fronted geese. This definition increased the number of hunters and decreased the average season bag estimates, but not the overall harvest projections.

### **WHITE-FRONTED GOOSE HARVEST PROJECTIONS FOR 2005**

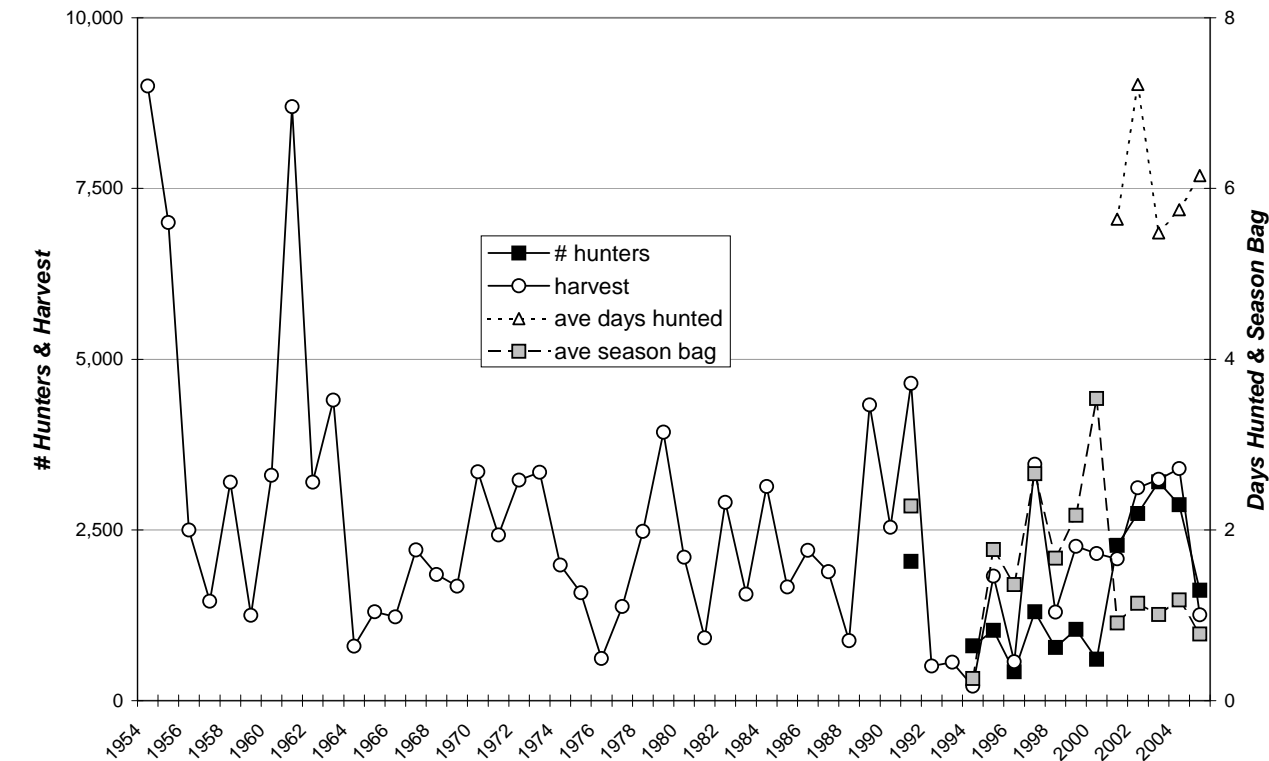
Last Revised: 15 June 06

	Resident	Non Residents
No. Hunters Reporting White-fronted Goose Days	74	87
Total Reported White-fronted Goose Hunted Days	477	455
<b>Average Days Hunted White-fronted Geese</b>	<b>6.45</b>	<b>5.23</b>
Total Reported White-fronted Geese Bagged	71	20
<b>Average White-fronted Goose Bag for Season</b>	<b>0.96</b>	<b>0.23</b>
<b>Projected Days White-fronted Hunting</b>	<b>7,843</b>	<b>2,097</b>
<b>Projected No. White-fronted Goose Hunters</b>	<b>1,216</b>	<b>401</b>
<b>Projected White-fronted Goose Bag</b>	<b>1,167</b>	<b>92</b>
<b>TOTAL WHITE-FRONTED GOOSE HARVEST = 1,259</b>		
White-fronted Goose Hunter Reported Public Land Type Use	43	48
<b>White-fronted Goose Hunter Projected Public Land Type Use *</b>	<b>707</b>	<b>221</b>
White-fronted Goose Hunter Reported Private Land Type Use	52	63
<b>White-fronted Goose Hunter Projected Private Land Type Use *</b>	<b>855</b>	<b>291</b>
White-fronted Goose Hunter Reported Walk-In Land Type Use	21	22
<b>White-fronted Goose Hunter Projected Walk-In Land Type Use *</b>	<b>345</b>	<b>101</b>
White-fronted Goose Hunter Reported Commercial Land Type Use	1	1
<b>White-fronted Goose Hunter Projected Commercial Land Type Use *</b>	<b>16</b>	<b>5</b>
<b>White-fronted Goose Hunter Mean Satisfaction Score *1*</b>	<b>3.21</b>	<b>3.4</b>

\* Total may be greater than total licenses because hunters reported using more than one land type during season

\*1\* Based on scale of 1-7 with 1=very satisfied & 7=very dissatisfied

STATEWIDE WHITE-FRONTED GOOSE HARVEST, 1954-2005





## **MOURNING DOVE**

The 2005 mourning dove season covered 1 September -14 October statewide. Harvest surveys were sent to resident and nonresident hunters. The daily limit was 15 birds, possession 30. To hunt doves, residents were required to hold a small game, 1-day small game, adult or junior combination, or youth small game license; nonresidents were required to obtain a nonresident small game, nonresident youth small game, or nonresident shooting preserve license. All hunters were also required to purchase a Migratory Bird Certificate.

In 2005, 33,914 residents and approximately 96,418 nonresidents were licensed to hunt doves. Approximately 9% of the resident migratory bird hunters and 3% of the nonresident small game hunters were surveyed for the mourning dove season. Survey response rates were 71.4% for residents and 67.1% for nonresidents.

Based on survey responses indicating at least one day of hunting doves, there were an estimated 9,912 dove hunters.

From the survey responses, a projected total of 162,958 doves were harvested during the 2005 season. When asked their satisfaction on the season, (1 being most, 7 being least satisfied), resident dove hunters reported an average satisfaction rating of 3.40, nonresidents 2.13.

Summary comparison of the 2000 - 2005 mourning dove seasons

Year	Resident Hunters					Nonresident Hunters				
	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction
2000	11,881	191,759	5.16	16.14	3.49	unavail	unavail	unavail	unavail	unavail
2001	11,990	198,195	4.75	16.53	3.34	231	2,804	1.00	12.14	3.50
2002	10,599	193,114	4.49	18.22	3.28	536	8,876	2.81	16.56	2.25
2003	12,060	225,522	4.79	18.70	3.16	452	9,415	3.50	20.83	1.42
2004	10,240	174,899	4.48	17.08	3.74	339	6,366	3.89	18.78	3.16
2005	9,568	159,690	4.48	16.69	3.40	344	3,268	4.25	9.50	2.13

### **MOURNING DOVE HARVEST PROJECTIONS FOR 2005**

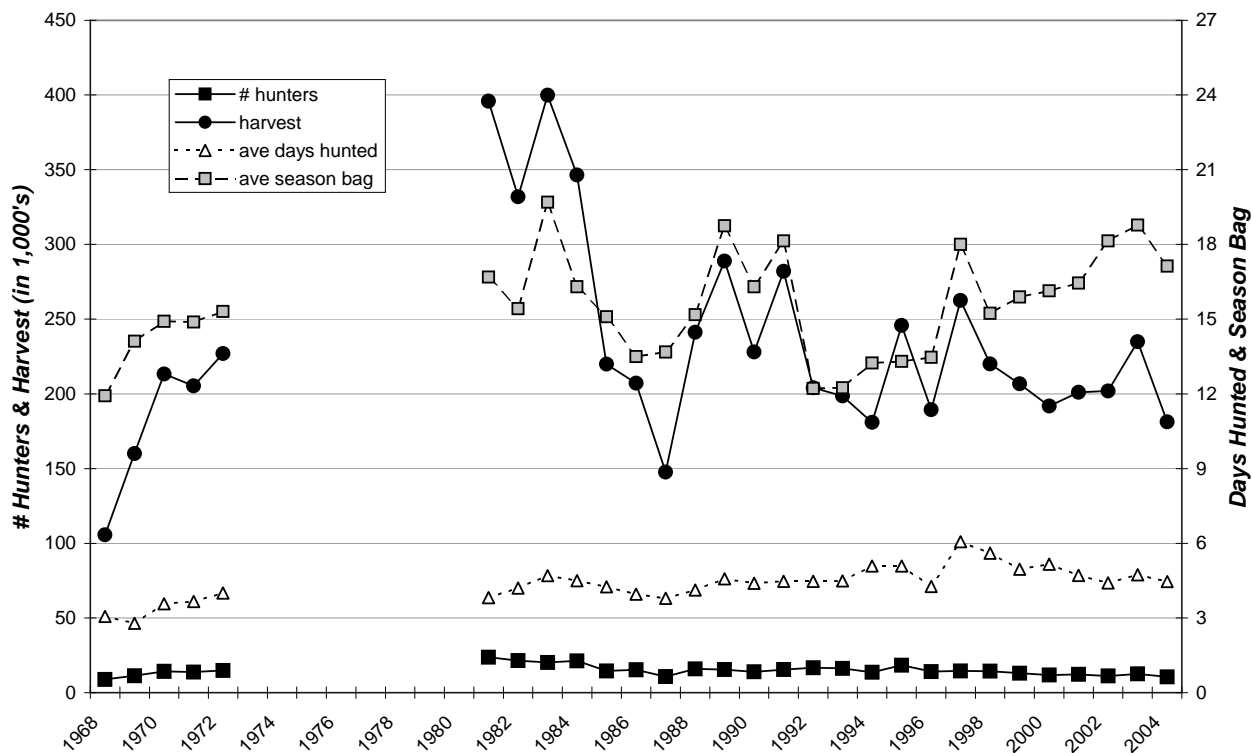
Last Revised: 15 June 06

	Resident	Non Residents
<b>Licenses Sold</b>	33,914	96,418
<b>Projected ACTIVE MOURNING DOVE HUNTERS *</b>	<b>9,568</b>	<b>344</b>
Number Sampled by Survey	2,889	3,340
Number Responded to Survey	2,063	2,242
Responded and Participated in Season	582	8
Responded but DID NOT HUNT	<b>1,481</b>	<b>2,234</b>
<b>Survey Response Rate</b>	<b>71.4%</b>	<b>67.1%</b>
No. Hunters Reporting Dove Days	582	8
Total Reported Dove Hunted Days	2,609	34
<b>Average Days Hunted Doves</b>	<b>4.48</b>	<b>4.25</b>
Total Reported Doves Bagged	9,712	76
<b>Average Dove Bag for Season</b>	<b>16.69</b>	<b>9.50</b>
<b>Projected Days Dove Hunting</b>	<b>42,865</b>	<b>1,462</b>
<b>Projected No. Dove Hunters</b>	<b>9,568</b>	<b>344</b>
<b>Projected Dove Bag</b>	<b>159,690</b>	<b>3,268</b>
<b>Avg Days Hunted</b>		<b>4.47</b>
<b>TOTAL DOVE HARVEST =</b>		<b>162,958</b>
<b>Dove Hunter Mean Satisfaction Score *1*</b>	3.4	2.13

\* Nonresident number represents total number of small game licensees.

\*1\* Based on scale of 1-7 with 1=very satisfied & 7=very dissatisfied.

## STATEWIDE MOURNING DOVE HARVEST, 1968-2005



## **SANDHILL CRANE**

Note: South Dakota does not survey crane hunters. All numbers provided within this section were obtained through the US Fish & Wildlife Service, Waterfowl Harvest Surveys Section, Laurel, MD, or through the Division of Migratory Bird Management, Denver, CO.

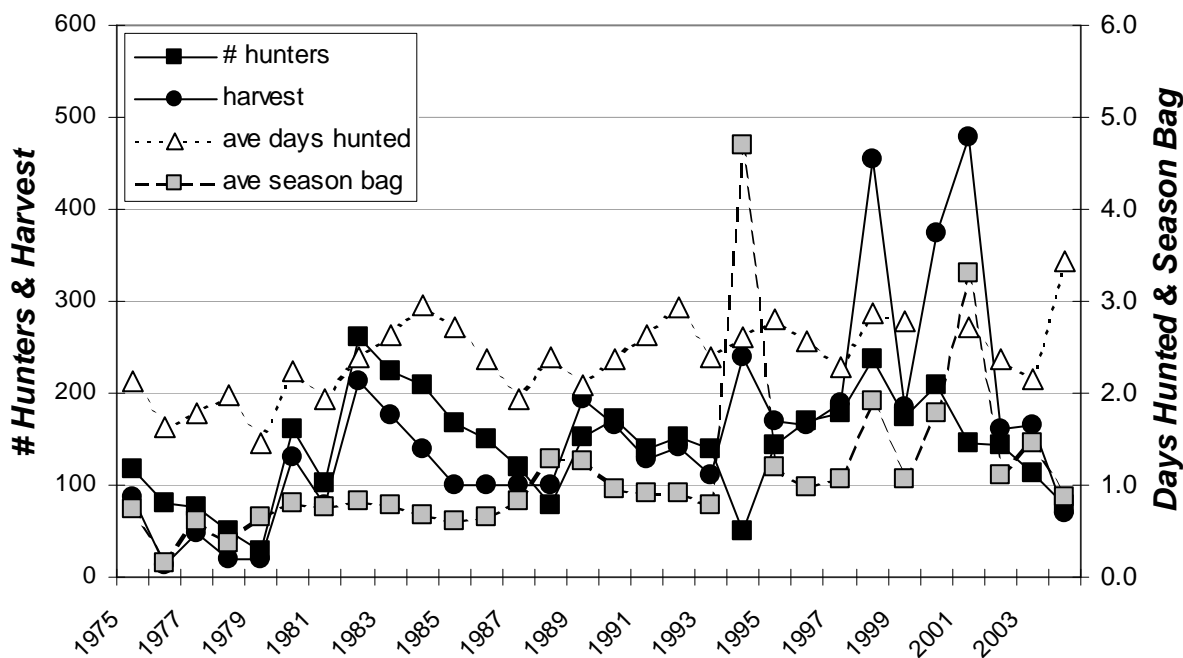
The 2005 sandhill crane season covered 24 September -20 November west of US 281. The daily limit was 3 birds, possession 6. To hunt cranes, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl, a nonresident small game, or a nonresident youth small game license plus a migratory bird certification. All hunters were also required to obtain a free Federal Crane Permit.

Comparison of the 2000 - 2005 sandhill crane harvests

<b>Year</b>	<b>Number of Hunters</b>	<b>Harvest</b>	<b>Ave Days Hunted</b>	<b>Ave Season Bag</b>
2000	209	374	N/A	1.79
2001	145	478	2.71	3.30
2002	144	160	2.38	1.11
2003	114	166	2.16	1.46
2004	79	67	3.44	0.85
2005	*			

\*Note: 2005 estimates were not available at the time of printing.

### **STATEWIDE SANDHILL CRANE HARVEST 1975-2004**



## **AMERICAN COOT**

Note: South Dakota does not survey coot hunters. All numbers provided within this section were obtained USFWS Special Scientific Report Wildlife No. 218, except for the 1985-88 estimates, which were obtained through South Dakota Harvest Reports.

The 2005 coot season covered 24 September 2005 - 1 January 2006 statewide, although some units may have opened later and/or closed sooner. The daily limit was 15 birds, possession 30. To hunt coots, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp.

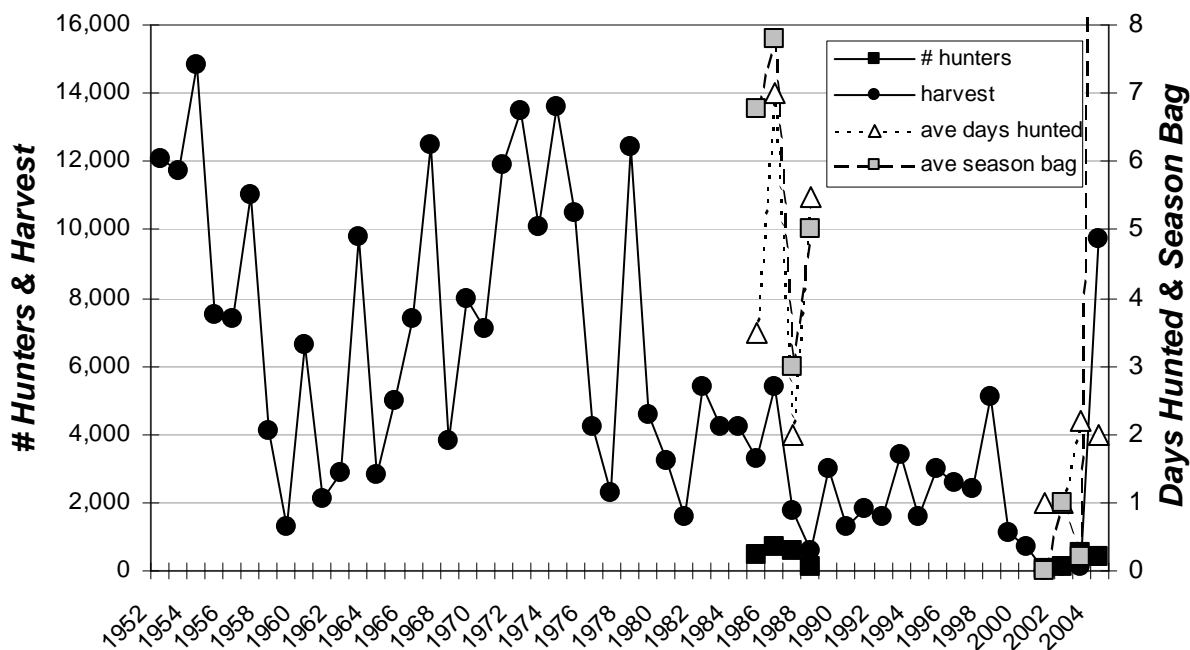
### Comparison of the 2000 - 2005 coot harvests

Year	Number of Hunters	Harvest	Ave Days Hunted	Ave Season Bag
2000	unavail	700	unavail	unavail
2001*	<50	0	<1	0
2002*	100	100	1	1
2003*	500	100	2.2	0.2
2004*	400	9,700	2.0	24.25
2005	**			

\*Note: 2001, 2002, 2003 and 2004 estimates are preliminary.

\*\*2005 estimates were not available at the time of printing.

### STATEWIDE AMERICAN COOT HARVEST, 1952-2004



## COMMON SNIPE

Note: South Dakota does not survey snipe hunters. All numbers provided within this section were obtained USFWS Special Scientific Report Wildlife No. 218.

The 2005 snipe season covered 1 September - 31 October statewide. The daily limit was 5 birds, possession 15. To hunt snipe, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license.

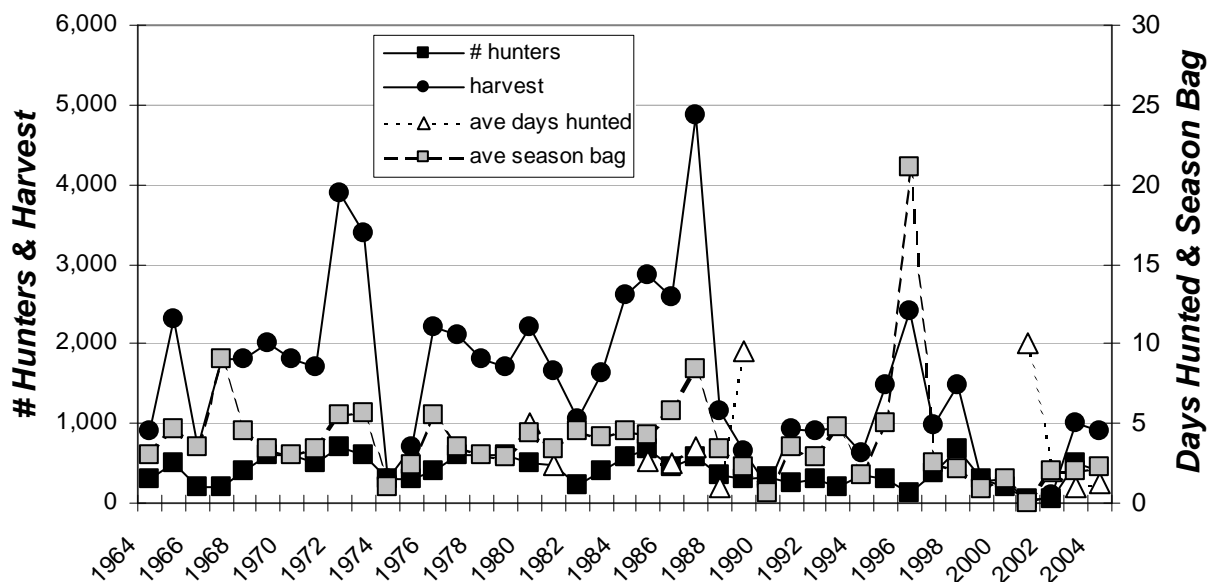
### Comparison of the 2000 – 2005 snipe harvests

Year	Number of Hunters	Harvest	Ave Days Hunted	Ave Season Bag
2000	200	300	unavail	1.50
2001*	50	0	10	0
2002*	50	100	2	2
2003*	500	1,000	1	2
2004*	400	900	1.25	2.25
2005*	**			

\*Note: 2001, 2002, 2003 and 2004 estimates are preliminary.

\*\*2005 estimates were not available at the time of printing.

### STATEWIDE SNIPE HARVEST, 1964-2004



## **2005 Harvest Survey Response Rates**

Survey Title	Overall Response*	Proportion	
		Internet	Mail-return
Resident Small Game	71.6%	21.0%	79.0%
Resident Migratory Bird	71.5%	21.8%	78.2%
Nonresident Small Game	67.2%	30.3%	69.7%
Nonresident Waterfowl	80.6%	30.3%	69.7%
Resident Early Fall Canada Goose	77.4%	16.7%	83.3%
Nonresident Early Fall Canada Goose	85.5%	22.4%	77.6%
Special Canada Goose	87.0%	21.9%	78.1%
Spring Light Goose	80.1%	17.0%	83.0%
Tundra Swan	88.6%	27.8%	72.2%

**\*Note:** Due to late responses received through the Internet, final response rates may be higher than those reported in previous sections. Late responses were not included in data summaries or analysis.